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## HAVERFORD COLLEGE DIRECTORY 1943 - 44

DECEMBER, 1943

VOL. XLII

No. 1

## FACULTY, OFFICERS, ETC.

Name	Address	Telephone (Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.	750 Rugby Rd., Bryn Mawr	B.M. 2568J
Asensio, Manuel J.	2 College Lane	9163
Babbitt, Dr. James A.	Tunbridge & Blakely Rds.	7950
Benham, T. A.	791 College Ave.	6044
Bernheimer, Richard M.	225 Roberts Rd., Bryn Mawr	B.M. 1427W
Caselli, Aldo	605 Railroad Ave.	1132
Chamberlin, William Henry	22 Holden St., Cambridge, Mass.	
Comfort, Howard	5 College Circle	3732
Comfort, William W.	South Walton Rd.	0455
Dodson, Leonidas	213 St. Marks Sq., Phila.	Evergreen 5028
Drake, Thomas E.	702 Pennstone Rd., Bryn Mawr	B.M. 1534
Evans, Arlington	324 Boulevard, Brookline, Upper Darby, Pa.	Hilltop 2043
Evans, Francis Cope	1 College Lane	4049W
FitzGerald, Alan S.	Warick Rd. and Cotswold Lane, Wynnewood	1404
Flight, John W.	753 College Ave.	4409W
Foss, Martin	824 Buck Lane	1599
Frey, William T.	428 Haverford Rd., Wynnewood	7903J
Gibb, Thomas C.	518 W. Beechtree Ln., Wayne	Wayne 1469W
Green, Louis C.	791 College Ave.	4409J
Gummere, Henry V.	3026 Midvale Ave., Phila., 29 Tennessee	1933
Haddleton, A. W.	29 Tenmore Rd.	B.M. 1235W
Henry, Howard K.	1464 Drayton Lane, Penn Wynne	3923J
Hepp, Maylon H.	Sugartown Rd. at Poplar Ave., Devon	Wayne 0373M
Herndon, John G.	1 College Lane	0364
Hetzel, Theodore B.	768 College Ave.	4393W
Holmes, Clayton W.	720 Millbrook Lane	4269W
Johnston, Robert J.	Woodside Cottage	3725
Jones, Rufus M.	2 College Circle	2777
Jones, Thomas O.	521 Panmure Rd. (Science House)	6769W
Kelly, John A.	3 College Lane	4160
Kikuchi, Chihiro	Founders Hall, East	9460
Kirk, David B.	Founders Hall, East	9460
Kraus, Alois	11 Elliott Ave., Bryn Mawr	B.M. 9277
Lafford, Mrs. Lindsay	1-A College Lane	5479W

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Name	Address	Telephone (Ardmore Exchange unless otherwise noted)
LaFleur, Albert A.	819 Montgomery Av., B. Mawr.	B.M. 1502R
LeGalley, Donald P.	1109 Yeadon Ave., Yeadon	Madison 8555W
Lockwood, Dean P.	6 College Circle	1402J
Lograsso, Angeline	College Inn, Bryn Mawr	B.M. 9296
Lunt, William E.	5 College Lane	1507W
MacIntosh, Archibald	3 College Circle	0961
Meldrum, William B.	747 College Ave.	0881J
Morley, Felix	1 College Circle	4712
Norton, Richard W., Jr.	Haverford Court	0947
Nova, Fritz	605 Railroad Ave.	1132
Oakley, Cletus O.	Featherbed Lane	3109W
Oberholtzer Mrs. Beatrice	203 E. Evergreen Ave., Phila- delphia, 18	Chestnut Hill 5847
Ohl, Raymond T.	148 Cricket Ave., Ardmore	1381W
Palmer, Frederic, Jr.	7 College Lane	7997R
Pancoast, Omar, Jr.	Erskine Hall	9627
Pepinsky, Abraham	4 College Circle	
Pfund, Harry W.	624 Overhill Rd., Ardmore	5532
Post, Amy L.	C-3 Dreycott Apts.	1643W
Post, L. Arnold	9 College Lane	0258M
Rantz, J. Otto	2122 Chestnut Ave., Ardmore	
Rittenhouse, Leon H.	6 College Lane	5522
Salomone, A. William	208 N. 65th St., Phila., 39	
Sargent, Ralph M.	510 Railroad Ave.	3339
Scaife, Mary L.	E-4 Haverford Gables	5117
Shudeman, Conrad L. B.	Founders Hall, East	9460
Snyder, Edward D.	36 Railroad Ave.	0712
Steere, Douglas V.	739 College Ave.	0162
Stinnes, Edmund H.	601 Walnut Lane	6759
Stokes, Samuel E., Jr.	Founders Hall	9533
Stone, Brinton H.	774 Millbrook Lane	5555W
Sutton, Richard M.	785 College Av. (facing Walton Rd.)	0742W
Swan, Alfred J.	3 College Lane	1562
Taylor, Dr. Herbert W.	457 Lancaster Ave.	2383
Teaf, Howard M., Jr.	3 College Lane	4049J
Vedova, George C.	1463 Hampstead Rd., Penn Wynne	3750R
Vittorini, Domenico	1005 Edgewood Rd., Brookline, Pa.	Hilltop 1417J
Watson, Frank D.	773 College Ave.	2937
Williamson, Alexander J.	4 College Lane	4023
Wills, William Mintzer	B-201 Merion Garden Apt., Mer- ion, Pa.	Merion 4760
Wilson, Albert H.	765 College Ave.	1853
Wylie, Laurence W.	8 College Lane	9613

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2-2-49

## MILITARY STAFF

### 72nd A. A. F. T. T. Detachment—Basic Premeteorology Unit

Major William G. Frey, A. C., Commanding Officer and Post Commandant .....	Ardmore 7903J
428 Haverford Rd., Wynnewood	
1st Lt. Jack S. Cummings, A. C.....	Bryn Mawr 2696
564 Montgomery Ave., Bryn Mawr	
3327 Service Unit—Basic Engineering, Foreign Area & Language Studies	
Capt. Darryl W. Travis, Inf., Commanding Officer .....	Cynwyd 0903R
911 Hagysford Rd., Penn Valley	
2nd Lt. Edward J. Schiffler, A. U. S., Adjutant.....	Bryn Mawr 1493M
S. W. Cor. New Gulph & Fishers Rd., Bryn Mawr	
2nd Lt. Wesley R. McClanahan, A. U. S., Training.....	Ardmore 6769W
Founders Hall, East	
2nd Lt. Herbert O. Carlson, A. U. S., Supply.....	Ardmore 4031
31 S. Wyoming Ave., Ardmore	
2nd Lt. John A. Clark, A. G. D., Classification .....	Ardmore 3109M
Woodside Cottage (on Campus)	

## COLLEGE OFFICE AND BUILDING TELEPHONES

Academic Directors:	
BE & PM Units, C. B. Allendoerfer .....	6400
German A & L Unit, H. W. Pfund.....	6400
Italian A & L Unit, H. Comfort.....	6400
Admissions, Archibald MacIntosh, Director.....	6400
Alumni Office, Executive Secretary, Raymond T. Ohl.....	6400
Army Air Forces Technical Training Command Office.....	3882
Army Specialized Training Unit .....	4066
Army Units, Academic Records Office.....	6400
Assistant to the President, Brinton H. Stone.....	6400
Barclay Hall North: Army Premeteorology Unit.....	9506
Barclay Hall, South: Army Premeteorology Unit .....	9508
Barclay Hall, Center: Army Premeteorology Unit.....	9459
Biology Laboratory (Sharpless Hall) .....	6400
Business Office, W. M. Wills, Comptroller.....	6400
Bucky Foundation Office .....	6400
Chemistry Laboratory:	
W. B. Meldrum .....	6400
T. O. Jones .....	6400
Coordinator of Army Units and Dean of Military Students:	
H. M. Teaf, Jr.....	6400
Dean's Office, Acting Dean, Thomas C. Gibb.....	6400
Dietitian, Mrs. Gladys Lacroix .....	6400
Engineering Laboratory (Hilles) .....	6400
Faculty Secretary .....	6400
Founders Hall, East .....	9460
Founders Hall, Dormitory .....	9533
Government House .....	9613
Gymnasium (Public Pay Station) .....	9512
Gymnasium Office .....	6400
Haverford News .....	4894
Haverford Review, Raymond T. Ohl, Managing Editor.....	6400
Hilles Laboratory of Applied Science (Engineering).....	6400
L. H. Rittenhouse .....	6400
T. B. Hetzel .....	6400
C. W. Holmes .....	6400
C. O. Rantz .....	6400

Infirmery, Mabel S. Beard, R. N.....	6400
Kitchen .....	6400
Language House, Manuel J. Asensio, Director .....	9428
Library:	
D. P. Lockwood, Librarian .....	6400
Amy L. Post .....	6400
Circulation Desk .....	6400
Thomas E. Drake .....	6400
Anna B. Hewitt (Treasure Room) .....	6400
Lloyd Hall, 3rd Entry (Kinsey) .....	9520
Lloyd Hall, 5th Entry (Strawbridge).....	9514
Lloyd Hall, 8th Entry (Leeds) .....	9628
Merion Hall .....	9458
Merion Hall Annex .....	9630
Physics Laboratory (Sharpless Hall) .....	6400
Power House .....	6400
President, Felix Morley .....	6400
Reconstruction and Relief Unit Office .....	6400
Registrar, W. M. Wills .....	6400
Research Laboratory, Alan S. FitzGerald, Director.....	5092
Science House (521 Panmure Road).....	9523
Secretary to the President: Mary L. Scaife.....	6400
Sharpless Hall:	
Aldo Caselli .....	6400
Howard Comfort .....	6400
Francis C. Evans .....	6400
Howard K. Henry .....	6400
Albert A. La Fleur .....	6400
Donald P. LeGalley .....	6400
Frederic Palmer, Jr. ....	6400
Abraham Pepinsky .....	6400
Richard M. Sutton.....	6400
Superintendent, R. J. Johnston .....	6400
Vice President, Archibald MacIntosh .....	6400
Whitall Hall:	
John W. Flight .....	6400
Maylon H. Hepp .....	6400
John G. Herndon .....	6400
John A. Kelly .....	6400
William E. Lunt .....	6400
Harry W. Pfund .....	6400
Ralph M. Sargent .....	6400
Edward D. Snyder .....	6400
Douglas V. Steere .....	6400
Howard M. Teaf, Jr. ....	6400
Frank D. Watson .....	6400

## FACULTY OFFICE TELEPHONES

(The following can be reached by calling Ardmore 6400)

Allendoerfer	Green	Jones, T. O.	MacIntosh	Rantz
Caselli	Gummere	Kelly	Meldrum	Rittenhouse
Comfort, H.	Haddleton	Kikuchi	Morley	Sargent
Drake	Henry	Kirk	Oakley	Snyder
Evans, A.	Hepp	La Fleur	Ohl	Steere
Evans, F. C.	Herndon	LeGalley	Palmer	Sutton
Flight	Hetzel	Lockwood	Pepinsky	Teaf
Gibb	Holmes	Lunt	Pfund	Watson
				Wilson

# D I R E C T O R Y

## STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; F for Founders Hall, Gov. H. for Government House, Lg. H. for Language House, M for Merion, S for Science House, D for day student. The field of major concentration is indicated in parentheses. The figure following the name indicates the number of the term now being completed. Day student's home telephones are listed beneath their addresses.

Division into undergraduate terms and graduate departments will be found in Part Two.

### PART ONE

## CIVILIAN STUDENTS

(Alphabetically Arranged)

### A

Name	Home Address	College Address
Alford, Theodore Crandall, Jr., 7	(Chemistry) Theoford Farm, McLean, Va.	Left
Annesley, William Honeyford, Jr., 3	4667 Leiper St., Philadelphia, Pa.	109 M
Arnett, John Hancock, Jr., 2	6200 Ardleigh St., Germantown, Philadelphia, Pa.	17 M
Atkinson, Anna Margaret (R&R) (A.B., Brown, 1942)	Wrightstown, Pa.	D
Media	4507	

### B

Bacon, Roger, 1	3307 Clarendon Rd., Cleveland Heights, Ohio	4 M
Barclay, Mary (R&R), (A.B., Middlebury, 1943)	424 N. Bluff, Wichita, Kansas	12 Lg. H.
Bartlett, Frederick Henry, Jr., 5	(Chemistry) 15 S. Somerset Ave., Ventnor City, N. J.	13 S
Bedrossian, Robert Haig, 5	(Chemistry) 4501 State Road, Drexel Hill, Pa.	8 S
Benge, John H., 6	(Chemistry) 237 Washington St., Kennett Square, Pa.	8 S
Bennett, Peter Goldthwait, 2	82 Washington St., Wellesley Hills, Mass.	c/o Dr. Snyder
Birdsall, Thomas Morrison, 5	(Chemistry) 139 Booth Lane, Haverford, Pa.	13 S
Blake, Frederick Leighton, 1	214 W. Hillcrest Ave., Upper Darby, Pa.	101 M
Block, Edward, 6	(Physics) 810 W. Sedgwick St., Mt. Airy, Philadelphia, Pa.	23 F
Brooks, Charlotte Hallowell (R&R) (A.B., Smith, 1942)	45 Mystic St., West Medford, Mass.	8 Lg. H.
Brown, Rodman Weld, 2	416 Linden St., Wellesley Hills, Mass.	106 M
Bryson, Arthur Earl, Jr., 4	182 Myrtle St., Winnetka, Illinois	102 M

Name	Home Address	College Address
Buckley, James Coakley, 2	620 Shadeland Ave., Drexel Hill, Pa.	17 M
Burns, Stanley Sherman, Jr., 5	(Chemistry) 4603 Pershing Ave., St. Louis, Mo.	13 S
Bush-Brown, Albert, 3	Quarry Farm, Ambler, Pa.	5 F

### C

Calkins, Fay Gilkey (R&R), (A.B., Oberlin, 1943)	112 N. Evergreen St., Arlington, Va.	12 Lg. H.
Cameron, Angus Malcolm, 4	318—8th Ave., S. E., Minot, N. D.	M Pent.
Cary, Sarah Comfort (R&R), (A.B., Vassar, 1940)	Ellet Lane and Wissahickon Ave., Mt. Airy, Phila., Pa.	11 Lg. H.
Chapman, Samuel Hudson, III, 2	227 Thompson Blvd., Watertown, N. Y.	1 F
Chartener, William Houston, 5	414 Parkway, Monessen, Pa.	4 Gov. H.
Coffin, Lewis Edward, 4	150 Church St., Newton, Mass.	4 F
Cole, Richard Wallace, 7	(Physics) 260 Case Ave., Sharon, Pa.	16 F
Cook, Edward Marshall, Jr., 4	56 Cedarbrook Road, Ardmore, Pa. Hilltop 5690	D
Cowan, William Edgar, 4	3220 Cove Road, Merchantville, N. J.	11 M
Cunningham, Bradley, III, 2	3716 T St., N. W., Washington, D. C.	In Service

### D

Davis, Alan Marvin, 2	205 W. 89th St., New York City	3 F
Doane, Robert Fay, 3	240 Tyson Ave., Glenside, Pa.	12 M
Doehlert, Charles Alfred, Jr., 3	55 Elizabeth St., Pemberton, N. J.	111 M
Domicovich, Paul Henry, 5	236 W. School Lane, Germantown, Philadelphia, Pa.	18 F
Douglas, Deborah Adams (R&R), (B.A., Sweetbrier, 1943)	704 E. 44th St., Savannah, Georgia	9 Lg. H.
Dowbinstein, Israel Morris, 2	3211 N. 17th St., Philadelphia, Pa. Radcliff 2406	D
Driscoll, Ruth Antoinette (R&R)	1629 Asbury Ave., Evanston, Illinois Ardmore 1190	17 Railroad Av Haverford
Dyer, Kimball Decker, 1	14114 Grandmont Road, Detroit, Michigan	105 M

### E

Ecroyd, Henry, 2	226 Lenoir Ave., Wayne, Pa.	12 F
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Name	Home Address	College Address
Elkinton, Thomas, 8	(Chemistry) 135 Rose Lane, Haverford, Pa. Ardmore 6261	D
Estey, John S., 1	Overbridge Farm, Ephrata, Pa.	13 M
Ewell, Albert Hunter, Jr., 3	4937 Walton Ave., Philadelphia, Pa. Sherwood 6213	D
F		
Fetterman, Henry Harter, 7	(Chemistry) 2608 Tilghman St., Allentown, Pa.	8 S
Fowle, Helen Joy (R&R), (B.A., Wellesley, 1943)	Thetford, Vermont	5 College Cir.
	Ardmore 3732	
Fox, Samuel M., III, 7	(Chemistry) 805 The Cambridge, Alden Park, Germantown, Philadelphia, Pa.	3 S
G		
Garrison, Elizabeth B. (R&R), (A.B., Swarthmore, 1938)	Holicong, Pa.	7 Lg. H.
Gildemeister, Maria Luisa (R&R)	157 E. 72nd St., New York City (temporary)	Lg. H.
Ginsburg, Silas Jay, 2	5317 N. 16th St., Philadelphia, Pa.	11 F
Gold, Richard Louis, 2	2835 N. Lake Drive, Milwaukee, Wis.	14 M
Gomez, Manuel J., 8	(Government) 6106 Callowhill St., Philadelphia, Pa.	6 Gov. H.
Good, Robert Crocker, 4	419 Homestead Ave., Mount Vernon, N. Y.	17 F
Goodman, Thomas Paton, 3	5533 University Ave., Chicago, Illinois	7 F
Grant, David Evans, 7	(Chemistry) 207 E. Michigan St., Milwaukee, Wis.	6 S
Gregson, Earl Wesley, 5	(Philosophy) 758 Beechwood Road, Beechwood, Upper Darby, Pa. Ardmore 0761-R	D
Gross, Gerald Connop, Jr., 1	4543 Grant Road, N. W., Washington, D. C.	13 F
Gross, Sheldon Harley, 4	Quarters 15a, Fort Myer, Va.	11 M
H		
Harned, Ben King, Jr., 1	3318 Queen Lane, Philadelphia, Pa.	6 M
Hay, Stephen, 3	245 Ogden Ave., Swarthmore, Pa. Swarthmore 0266	D
Henkels, Paul MacAllister, II, 4	446 Church Lane, Philadelphia, Pa. Victor 3911	D
Henne, John Kraffert, 1	332 W. Oak St., Titusville, Pa.	13 M

Name	Home Address	College Address
Hershey, John Eldon, 1	809 Market St., Lemoyne, Pa.	8 Gov. H.
Herter, Theophilus John, 5	232 Wendover Drive, Westgate Hills, Upper Darby, Pa. Hilltop 1016	D
Higier, Theodore, 2	160 Prospect Ave., Gloversville, N. Y.	6 F
Hiltner, Theodore Martin, 4	4215 E. 33rd St., Seattle, Washington	Gym
Holmes, Robert William, 1	720 Millbrook Lane, Haverford, Pa. Ardmore 4269W	D
Hood, George Morris Whiteside, 2	3308 Warden Drive, Philadelphia, Pa.	6 M
Hsia, David Y., 6	(Chemistry) 115 W. 73rd St., New York, N. Y.	8 Gov. H.
Hsieh, Ho-Keng, 1	c/o Y. Y. Hsu, 129 E. 52nd St., New York, N. Y.	7 Gov. H.
Huebsch, Ian, 1	285 Central Park, West, New York City	9 M
Hulings, Clark E., 7	(Physics) 2639 Edward Ave., Baton Rouge, La.	6 S
<b>J</b>		
Jacobs, George Wayne, Jr., 3	25 Fifth Ave., New York City	8 F
Johnson, David, 2	18 W. 122nd St., New York City	2 F
Jones, Annette Roberts (R&R) (B.A., Wellesley, 1941; M.E., Winnetka, 1942)	272 Vine Ave., Highland Park, Illinois	14 Lg. H.
<b>K</b>		
Katchen, Julius, 2	2 Hollywood Ave., West Long Branch, N. J.	21 F
Kato, Walter Yoneo, 3	41-5-D, Hunt, Idaho	19 F
Kennedy, Francis Richard, 3	810 High St., Paris, Kentucky	30 F
Kirk, Robert Louis, 2	20 W. Baltimore Ave., Media, Pa.	C.P.S. Camp
Klein, Edwin Benedict, Jr., 2	231 Bedford Road, Pleasantville, N. Y.	In Service
Klein, Robert Anderson, 2	231 Bedford Road, Pleasantville, N. Y.	In Service
Kojima, Masamori, 6	(Government) c/o Mrs. William H. Collins 757 College Ave., Haverford, Pa. Ardmore 1089	D
Kummel, Bertram Myron, 4	110 Mayhew Drive, South Orange, N. J.	30 F
<b>L</b>		
Langston, Martha Porter (R&R) (A.B., Scripps, 1937)....	1275 Morada Place, Altadena, California	14 Lg. H.

Name	Home Address	College Address
<b>Lankford, Henry Fillmore, 7</b> .....(History)	69 Prince William St., Princess Anne, Md.	13 S
<b>Leaman, Arthur, 2</b> .....	330 Woodland Ave., Westfield, N. J.	12 M
<b>Lehmann, William L., 7</b> .....(Physics)	118 Redfield Place, Syracuse, N. Y. Ardmore 5562	7 F
<b>Lenton, Charles Trewartha, 2</b> .....	1725 N. Edgewood St., Philadelphia, Pa.	7 M
<b>Leuchter, Ben Zion, 3</b> .....	E. Park Ave., Vineland, N. J.	112 M
<b>Libby, John Kelway, 4</b> .....	18 Cheston Ave., Annapolis, Md.	110 M
<b>Long, Charles, II, 2</b> .....	1128 70th Ave., Oak Lane, Philadelphia, Pa.	9 Gov. H.
<b>Long, David E., 4</b> .....	1522 Cleveland Ave., N. W., Washington, D. C.	7 Gov. H.
<b>Longacre, Jacob Andrews, 2</b> .....	115 N. Reading Ave., Boyertown, Pa.	108 M

#### M

<b>Manbeck, Harry Frederick, Jr., 2</b> .....	1403 Main St., Honesdale, Pa.	7 M
<b>Mann, Philip C., 2nd, 5</b> .....(Citizenship)	33 Church St., Beverly, N. J.	9 S
<b>March, Robert, 6</b> .....(Engineering)	4303—13th St., N. E., Washington, D. C.	Transferred
<b>Martin, Frank Ewart, 1</b> .....	2626 Terrace Drive, Honolulu, Hawaii	10 S
<b>Marvin, Cloyd, 3</b> .....	2601—30th St., N. W., Washington, D. C.	10 F
<b>McNeill, Donald Babbitt, 4</b> .....	239 W. 8th St., Erie, Pa.	6 Gov. H.
<b>Meldrum, Donald N., 1</b> .....	747 College Ave., Haverford, Pa. Ardmore 0881J	D
<b>Montgomery, George, Jr., 5</b> .....(Chemistry)	6124 Columbia Ave., Philadelphia, Pa.	5 S
<b>Muench, James Frederick, 2</b> .....	300 Riverside Drive, New York, 25, N. Y.	9 Gov. H.
<b>Mumma, James Fenninger, 5</b> .....(Chemistry)	101 Enterprise Ave., Waynesboro, Pa.	5 S

#### N

<b>Nicklin, George Leslie, Jr., 2</b> .....	2918 Berkley Road, Ardmore, Pa. Ardmore 4786	In Service
<b>Norton, Richard William, Jr., 6</b> .....	Haverford Court, Haverford, Pa. Ardmore 0947	D

#### O

<b>Osuga, William M., 5</b> .....	773 College Ave., Haverford, Pa.	c/o Dr. Watson
-----------------------------------	----------------------------------	----------------

## P

Page, Laurama (R&R) (B.A., Swarthmore, 1943).....	11 Lg. H.
2424 Lincoln St., Evanston, Illinois	
Palmer, Arthur Walden, Jr. (A.B., Amherst, '43) (English)	D
Haverford School, Haverford, Pa.	
Parker, John Hunter, 1 .....	103 M
Columbia Pike, R. 2, Ellicott City, Md.	
Parkes, Robert Irving, Jr., 2 .....	In Service
87 Ivy Way, Port Washington, N. Y.	
Petersen, Hans Eberhard, 3 .....	107 M
145—95th St., Brooklyn, N. Y.	
Plumb, Lois Virginia (R&R) (B.A., Wilson College, 1943)	8 Lg. H.
20 Primrose Ave., Tuckahoe, N. Y.	
Preston, Edmond, III, 6 .....	3 S
531 E. Tulpehocken St., Germantown, Phila., Pa.	

## R

Rawnsley, Howard Melody, 2 .....	104 M
141 W. 10th Ave., Conshohocken, Pa.	
Read, Michael Meredith, 1 .....	Left
634 S. Gramercy Place, Los Angeles, Calif.	
Rivers, Richard D., 3 .....	9 Gov. H.
1281 Everett Ave., Louisville, Kentucky	
Roche, Robert Pearson, 2 .....	5 M
109 Weyford Terrace, Garden City, L. I., N. Y.	
Rogoff, Richard Caesar, 4 .....	15 F
25 Eastern Parkway, Brooklyn, N. Y.	
Root, Vernon Metcalf, 7 .....	30 F
Beekman Tower, 3 Mitchell Place, New York City	
Ryan, Thomas Joseph, 5 .....	13 S
1216 Lindale Ave., Drexel Hill, Pa.	
Ryrie, Charles Caldwell, 5 .....	8 M
1007 Henry St., Alton, Illinois	

## S

Sanders, Martin, 1 .....	2 Gov. H.
55 Clinton Place, Bronx, New York City	
Sangree, Charles Spahr, 4 .....	In Service
103 Madison St., Wellsville, N. Y.	
Schneider, Stewart Porterfield, 4 .....	8 M
14 Hathaway Lane, Verona, N. J.	
Scott, George Hubert, 2 .....	D
Church of the Redeemer, Bryn Mawr, Pa.	
Bryn Mawr 0619-W	
Seligsohn, Walter Israel, 1 .....	9 F
590 Fort Washington Ave., New York City	
Shearer, Charles Robert, 1 .....	D
7528 Rogers Ave., Highland Park, Del. Co., Pa.	
Sunset 4688	
Sherpick, William Edwards, 4 .....	13 S
430 E. 57th St., New York City	
Slotnick, Herbert Norman, 6 .....	13 S
109 Crawford Ave., Syracuse, N. Y.	

Name	Home Address	College Address
Smiley, Francis, Jr., 4	The Laurels, Mohonk Lake, N. Y.	In Service
Smith, Gibson, Jr., 1	R. D. 6, York, Pa.	In Service
Starkweather, Howard Warner, Jr., 1	815 Augusta Road, Wilmington, Del.	4 M
Steeffel, Lawrence D., Jr., 2	2808 West River Road, Minneapolis, Minn.	114 M
Stokes, Joseph, III, 5	(Chemistry) 159 W. Coulter St., Philadelphia, Pa.	M Pent.
Street, John Lyle (B.S., Wm. Penn Col., '43)....	(Chemistry)c/o Mr. Stone Route No. 2, Mabel, Minneapolis	
Stuart, John Walker, 5	(Chemistry) 30 E. 68th St., New York City	M Pent.
Sturr, George Bowler Tullidge, 2	129 Fourth Ave., Haddon Heights, N. J.	10 Gov. H.

### T

Tanaka, Augustus Masashi, 6	(Chemistry) American Friends Service Committee, 20 S. 12th St., Philadelphia, Pa.	4 Gov. H.
Taylor, Andrew Eustace, 2	3624 Van Ness St., N. W., Washington, D. C.	In Service
Taylor, Richard Clark, 2	3315 R St., N. W., Washington, D. C.	113 M
Thawley, Stanley Brevoort, 4	245 N. Somerset Ave., Crisfield, Md.	20 F
Thomson, Sydney Elise (R&R) (B.A., Smith, 1943).....	38 Alexander St., Princeton, N. J.	9 Lg. H.
Trainer, Mason, 6	(Engineering) 1368 Arlington Ave., Columbus, Ohio	7 S
Tuttle, Barbara Searles (R&R) (B.A., Wellesley, 1943)....	202 E. Grove St., Oneida, N. Y.	9 Lg. H.

### W

Walters, James Donald, 1	90 Brite Ave., Scarsdale, N. Y.	22 F
Wehmeyer, Jean Adele (R&R) (B.A., Smith, 1943).....	R. F. D., Clinton Corners, N. Y.	7 Lg. H.
Whitehead, H. Macy, 2	424 Nuber Ave., Mt. Vernon, N. Y.	10 S
Willar, Edgar William, Jr., 8	(English) 140 Montgomery Ave., Bala-Cynwyd, Pa. Cynwyd 1394	D
Williams, Mary Esther (R&R) (B.A., Vassar, 1943).....	1317 Bishop Road, Grosse Pointe, Michigan	8 Lg. H.
Wright, Daniel Ranney, 1	1422 Wyandotte Ave., Lakewood, Ohio	22 F
Wright, James Boyer, 7	(Chemistry) 7008 Wayne Ave., Upper Darby, Pa. Ardmore 5562	7 F
Wylie, Anne Stiles (R&R) (B.S., Simmons, 1943).....	270 Brookline Ave., Boston, Mass.	Gov. H.

Name	Home Address	College Address
Wylie, Laurence William (R&R) (A.B. and A.M., Indiana Univ., 1931, 1933) (Ph.D., Brown Univ., 1940).....	270 Brookline Ave., Boston, Mass.	Gov. H.

## Z

Zimmerman, Thomas C., 1 .....	M Pent.
719 Winans Way, Baltimore, Md.	

## PART TWO

### 8th Term (2)

Gomez .....	6 Gov. H.	Willar .....	Day
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### 7th Term (11)

Alford .....	Left	Hulings .....	6 S
Cole .....	16 F	Lankford .....	13 S
Elkinton .....	Day	Lehmann .....	7 F
Fetterman .....	8 S	Root .....	30 F
Fox .....	3 S	Wright, J. B. ....	7 F
Grant .....	6 S		

### 6th Term (10)

Benge .....	8 S	Norton .....	Day
Block .....	23 F	Preston .....	3 S
Hsia .....	8 Gov. H.	Slotnick .....	13 S
Kojima .....	Day	Tanaka .....	4 Gov. H.
March .....	7 S	Trainer .....	7 S

### 5th Term (16)

Bartlett .....	13 S	Mann .....	9 S
Bedrossian .....	8 S	Montgomery .....	5 S
Birdsall .....	13 S	Mumma .....	5 S
Burns .....	13 S	Osuga .....	Day
Chartener .....	4 Gov. H.	Ryan .....	13 S
Domincovich .....	18 F	Ryrie .....	8 M
Gregson .....	Day	Stokes, J. M. ....	M. Pent.
Herter .....	Day	Stuart .....	M. Pent.

### 4th Term (19)

Bryson .....	102 M	Libby .....	110 M
Cameron .....	M. Pent.	Long, D. E. ....	7 Gov. H.
Coffin .....	4 F	McNeill .....	6 Gov. H.
Cook .....	Day	Rogoff .....	15 F
Cowan .....	11 M	Sangree .....	In Service
Good .....	7 F	Schneider .....	8 M
Gross, S. H. ....	11 M	Sherpick .....	13 S
Henkels .....	Day	Smiley .....	In Service
Hiltner .....	Gym	Thawley .....	20 F
Kummel .....	30 F		

### 3rd Term (14)

Annesley .....	109 M	Jacobs .....	8 F
Bush-Brown .....	5 F	Kato .....	19 F
Doane .....	12 M	Kennedy .....	30 F
Doehlert .....	111 M	Leuchter .....	112 M
Ewell .....	Day	Marvin .....	10 F
Goodman .....	17 F	Petersen .....	107 M
Hay .....	Day	Rivers .....	9 Gov. H.

## 2nd Term (34)

Arnett ..... 17 M  
 Bennett ..... Day  
 Brown ..... 8 F  
 Buckley ..... 17 M  
 Chapman ..... 1 F  
 Cunningham ..... In Service  
 Davis ..... 3 F  
 Dowbinstein ..... Day  
 Ecroyd ..... 12 F  
 Ginsburg ..... 11 F  
 Gold ..... 14 M  
 Higier ..... 6 F  
 Hood ..... 6 M  
 Johnson ..... 2 F  
 Katchen ..... 21 F  
 Kirk, R. L. .... C.P.S. Camp  
 Klein, E. B., Jr. .... In Service

Klein, R. A. .... In Service  
 Leaman ..... 12 M  
 Lenton ..... 7 M  
 Long, C. .... 9 Gov. H.  
 Longacre ..... 108 M  
 Manbeck ..... 7 M  
 Muench ..... 9 Gov. H.  
 Nicklin ..... In Service  
 Parkes ..... In Service  
 Rawnsley ..... 104 M  
 Roche ..... 5 M  
 Scott ..... Day  
 Steefel ..... 114 M  
 Sturr ..... 10 Gov. H.  
 Taylor, A. E. .... In Service  
 Taylor, R. C. .... 113 M  
 Whitehead ..... 10 S

## 1st Term (23)

Bacon ..... 4 M  
 Blake ..... 101 M  
 Dyer ..... 105 M  
 Estey ..... 13 M  
 Gross, G. C., Jr. .... 13 M  
 Harned ..... 6 M  
 Henne ..... 13 M  
 Hershey ..... 8 Gov. H.  
 Holmes ..... Day  
 Hsieh ..... 7 Gov. H.  
 Huebsch ..... 9 M  
 Martin ..... 10 S

Meldrum ..... Day  
 Parker ..... 103 M  
 Read ..... Left  
 Sanders ..... 2 Gov. H.  
 Seligsohn ..... 9 F  
 Shearer ..... Day  
 Smith, G. .... In Service  
 Starkweather ..... 4 M  
 Walters ..... 22 F  
 Wright, D. R. .... 22 F  
 Zimmerman ..... M. Pent.

## Graduate Students (3)

Palmer ..... Day  
 Street ..... Day  
 Wylie ..... Gov. H.

## Reconstruction and Relief Unit (19)

### At Language House

Telephone—Ardmore 9428

Barclay, Mary  
 Brooks, Charlotte Hallowell  
 Calkins, Fay Gilkey  
 Cary, Sarah Comfort  
 Douglas, Deborah Adams  
 Garrison, Elizabeth Brosius  
 Gildemeister, Maria Luisa  
 Jones, Annette Roberts

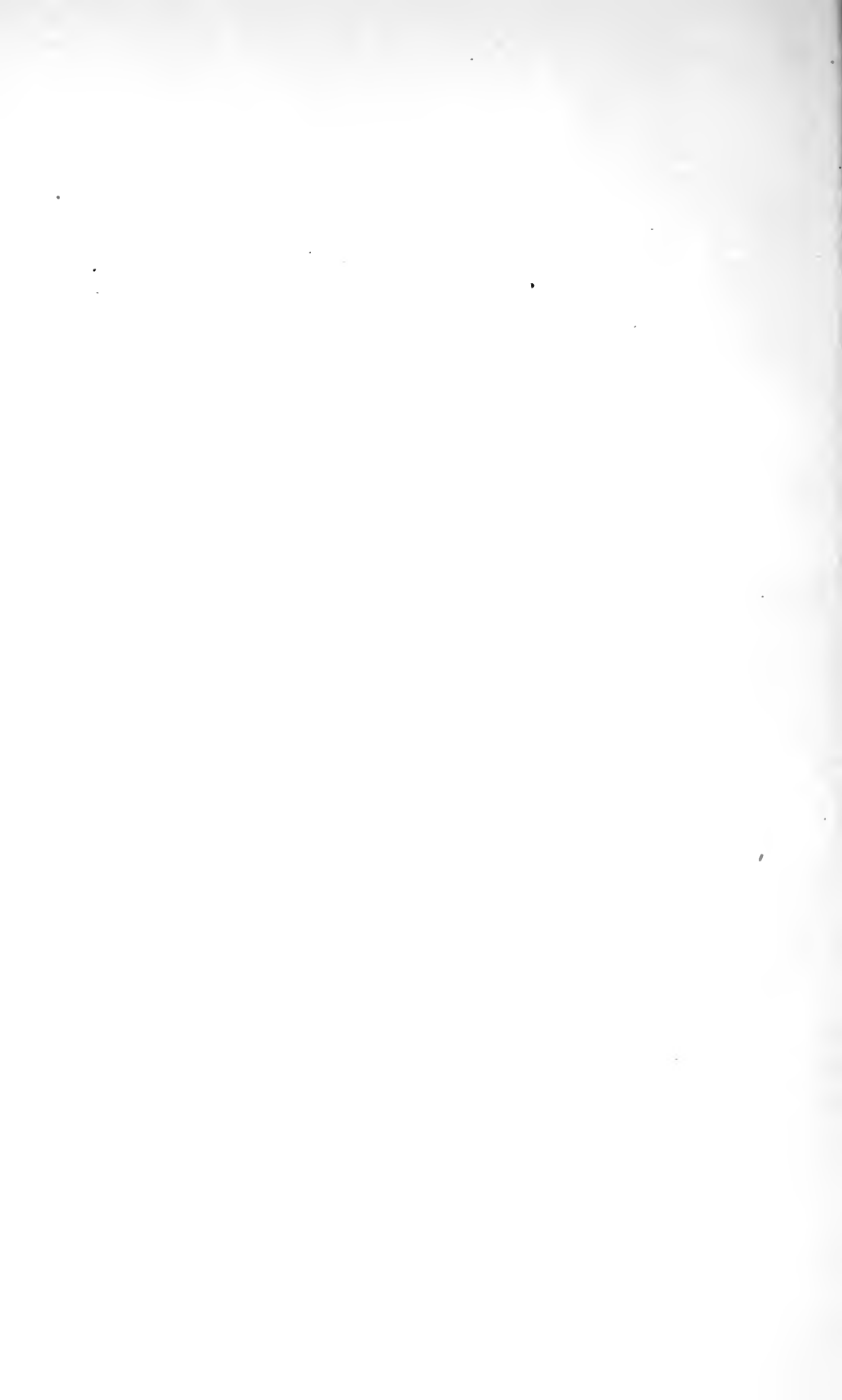
Langston, Martha Porter  
 Page, Laurama  
 Plumb, Lois Virginia  
 Thomson, Sydney Elise  
 Tuttle, Barbara Searles  
 Wehmeyer, Jean Adele  
 Williams, Mary Esther

Atkinson, Anna Margaret, Pendle Hill ..... Media 4507  
 Driscoll, Ruth Antoinette, 17 Railroad Ave. .... Ardmore 1190  
 Fowle, Helen Joy, 5 College Circle. .... Ardmore 3732  
 Wylie, Anne Stiles, Government House ..... Ardmore 9613









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(Bind in after Directory - v.42, no.1)

# HAVERFORD COLLEGE CATALOG



*Supplement*

*1943-44*



## MILITARY UNITS

72nd ARMY AIR FORCES  
TECHNICAL TRAINING DETACHMENT

BASIC PREMETEOROLOGY

3327 SERVICE UNIT  
ARMY SPECIALIZED TRAINING PROGRAM

BASIC ENGINEERING

FOREIGN AREA and LANGUAGE STUDY

NOVEMBER, 1943

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# HAVERFORD COLLEGE

## ADMINISTRATION

Felix M. Morley, President of the College

Archibald MacIntosh, Vice President and Director of Admissions

William Mintzer Wills, Comptroller and Registrar

Robert J. Johnston, Superintendent

Herbert W. Taylor, Physician in Charge

Howard M. Teaf, Jr., Coordinator of Army Units and Dean of Military Students

## Basic Premeteorology

### 72nd Army Air Forces Technical Training Detachment

#### MILITARY STAFF

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2nd Lt. James E. Foscue, A. C.	High Point, North Carolina

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S/Sgt. Robert W. Cleaveland	La Grange, Georgia.
S/Sgt. Albert Sloman	506 Columbia St., Hudson, New York
Sgt. Vernon L. Hesse	1940 Gaynor St., Wisconsin Rapids, Wis.
Sgt. Charles L. Montgomery	40 Sayre St., Elizabeth, New Jersey.
Pfc. Murray Weinstein	1454 Walton Ave., Bronx, New York, N. Y.
Pvt. Stanley A. Bown	16 D St., Niagara Falls, New York.
Pvt. Matthew Kosmidor	43 Main St., Yorkville, New York.

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Pfc. Leonard O. Olson	715 Spruce St., Wausau, Wisconsin

## FACULTY \*\*

Academic Directors: Feb. to August—Dr. Richard M. Sutton  
Sept. to Feb.—Dr. Carl B. Allendoerfer

Allendoerfer, Carl B.—Vector Mechanics

Benham, Thomas A.—Physics

Drake, Thomas E.—History and English

Evans, Francis C.—Geography

Flight, John W.—History and English

Gibb, Thomas C.—History and English

Green, Louis C.—Mathematics

Hepp, Maylon H.—History and English

Herndon, John G.—History and English

Holmes, Clayton W.—Mathematics

Kikuchi, Chihiro—Mathematics, Vector Mechanics, Physics

Kirk, David B.—Mathematics

La Fleur, Albert A.—Geography

Le Galley, Donald P.—Physics

Lockwood, Dean P.—History and English

Lunt, William E.—History and English

Oakley, Cletus O.—Mathematics

Ohl, Raymond T.—History and English

Pancoast, Omar, Jr.—Geography, History and English

Pepinsky, Abraham—Physics, Vector Mechanics

Post, L. Arnold—History and English

Sargent, Ralph M.—History and English

Shudeman, Conrad L. B.—Physics

Snyder, Edward D.—History and English

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Miss Janet L. Tetlow	229 Argyle Road, Ardmore, Penna.

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# Army Specialized Training Program

## 3327th Service Unit

### Basic Engineering, Foreign Area and Language Studies

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Pfc. Norman C. Bull	908 2nd St., Pocomoke City, Maryland
Pfc. Barner R. Deckard	Liverpool, Penna.
Pvt. Gerald C. Cohen	1807 N. 57th St., Philadelphia, Penna.

#### FACULTY

##### (Basic Engineering)

Allendoerfer, Carl B.—Academic Director  
 Comfort, Elizabeth W. (Mrs. Howard)—English  
 Drake, Thomas E.—History  
 Hetzel, Theodore B.—Physics  
 Jones, Thomas O.—Chemistry  
 Kirk, David B.—Mathematics  
 La Fleur, Albert A.—Geography  
 Le Galley, Donald P.—Physics  
 Lunt, William E.—History  
 Snyder, Edward D.—English  
 Vedova, George C.—Mathematics

##### (Foreign Area and Language Studies)

Caselli, Aldo—Italian  
 Comfort, Elizabeth W. (Mrs. Howard)—Italian  
 Comfort, Howard—Italian, Academic Director  
 Dodson, Leonidas—German  
 Foss, Martin—German  
 Frey, William T.—German  
 Lafford, Mrs. Lindsay A.—German  
 Lograsso, Miss Angeline—Italian  
 Nova, Fritz—German, Italian  
 Oberholtzer, Mrs. Beatrice—Italian  
 Pfund, Mrs. Harry W.—German  
 Pfund, Harry W.—German, Academic Director  
 La Fleur, Albert A.—Geography  
 Ohl, Raymond T.—Italian  
 Salomone, William—Italian  
 Stokes, Samuel E., Jr.—Italian  
 Vittorini, Domenico—Italian

# Army Specialized Training Program

## 3327th Service Unit

### Basic Engineering, Foreign Area and Language Studies

#### STUDENTS

Name	Home Address
Adams, John T.	882 Chicopee St., Chicopee, Massachusetts
Alovis, Daniel I.	611 W. 158th St., New York, N. Y.
Ampel, David	448 Empire Blvd., Brooklyn, New York
Anderson, Stanley	1649 Balmoral Ave., Chicago, Illinois
Ariey, August A., Jr.	2310 P St., Bakersfield, California
Atkinson, Griffin A.	R. D. No. 1, Blacklick, Ohio
Baecker, August H.	12175 Ilene Ave., Detroit, Michigan
Bailey, David C.	12 Griffing Blvd, Asheville, North Carolina
Bandino, Salvatore J.	579 59th St., West New York, New Jersey
Barringer, William G.	500 E. Madison St., Belvidere, Illinois
Bartel, Elmer E.	805 N. 22nd St., Milwaukee, Wisconsin
Baum, Wilmer S., Jr.	412 Oxford Road, Brookline, Penna.
Bauman, Carl A., Jr.	29 Hilltop Road, Asheville, North Carolina
Beaulieu, Charles E.	107 Burnside Ave., East Hartford, Connecticut
Bellman, William M.	425 Brockway, Albion, Michigan
Bernardi, Eugene P.	1143 Vine Ave., Williamsport, Penna.
Bernstein, Isidore	156 9th St., Brooklyn, New York
Bonanni, Peter J.	540 Hudson St., Trenton, New Jersey
Bottom, Lawrence G.	165 Oxford St., Auburn, Massachusetts
Brandt, Jack G.	2142 Madison Ave., S. E., Grand Rapids, Mich.
Bristow, John W.	Hillburn, New York
Brown, Edward O.	2830 Benton Blvd., Minneapolis, Minnesota
Brucker, Howard	500 W. 190th St., New York, N. Y.
Cane, Irving C.	1244 Grand Concourse, New York, N. Y.
Carr, William H.	4736 Forest Ave., Downers Grove, Illinois
Carroll, Charles P.	Route No. 2, Kingston, Tennessee
Casanova, Joseph A.	76 Dayton St., Quincy, Massachusetts
Cashwell, Edgar A.	Saxapahaw, North Carolina
Cebulka, Peter R.	Hawk Run, Penna.
Clark, Randall L.	520 N. Duke St., Lancaster, Penna.
Craighead, William J., Jr.	1472 Rackway Ave., Lakewood, Ohio
Cross, William E.	27 Barton St., Mayville, New York
Diana, Gaetano S.	656 E. 229th St., Bronx, New York
Dickman, Irving R.	2794 Valentine Ave., Bronx, New York
Dion, Hubert A.	512 Simonton, Key West, Florida
Donaldson, Victor G.	522 N. 73rd St., Seattle, Washington
Doster, James H.	324 S. Broadway, Barnesville, Ohio
Downing, Thomas G.	1150 E. 29th St., Brooklyn, New York
Dunn, Crawford B., Jr.	1839 Clermont St., Mobile, Alabama
Edwards, J. Gordon	3054 Broadway, Indianapolis, Indiana
Effinger, Gerold J.	430 W. Carey St., Philadelphia, Penna.
Engler, Charles	1125½ S. Citrus St., Los Angeles, California
Eyre, William H.	Saxon Ave., Islip, New York
Fain, Charles L.	Route No. 3, Weatherford, Texas
Farrell, John R.	161 W. Louther St., Carlisle, Penna.
Fiduccia, Charles B.	6214 N. Lakewood Ave., Chicago, Illinois
Finch, William R.	834 Broadway St., Dyersburg, Tennessee
Finley, John T.	933 Frost Court, Peekskill, New York
Finney, John F.	326 N. 3rd St., Lehighton, Penna.
Flynn, Arthur E., Jr.	Herrick Center, Penna.
Forbes, John S.	308 6th St., Watkins Glen, New York
Frankl, Gunther	70-01 113th St., Forest Hills, New York

Name	Home Address
Ganapoler, Paul	2711 Whiteplains Ave., New York, N. Y.
Genova, Joseph P.	398 Division St., Amsterdam, New York
Gerretson, Merlin W.	24 W. Jefferson Ave., Waupun, Wisconsin
Giebler, Albert C.	308 W. 16th St., Hays, Kansas
Gilbert, Shelley W., Jr.	6450 University Ave., Chicago, Illinois
Guerra, Rafael A.	General Delivery, Linn, Texas
Guidi, Americus R.	236 W. Grand St., Elizabeth, New Jersey
Hallberg, Robert C.	1205 Cherry St., Vicksburg, Mississippi
Haroian, Henry	55 Kondazian St., Watertown, Massachusetts
Harrington, Edwin	Sheaff Lane, Whitemarsh, Penna.
Harris, James W.	1406 St. Stephens Road, Mobile, Alabama
Hatley, George D.	Hudson, North Carolina
Hauptman, Donald K.	74 S. Main St., Spring Valley, New York
Heartsill, Walter C.	521 S. Rosemont, Dallas, Texas
Heckert, Robert W.	1843 Mulberry St., Harrisburg, Penna.
Heitmann, Frederick W.	1 Longfellow Lane, Houston, Texas
Henoch, Rolph E.	255 W. 84th St., New York, N. Y.
Herman, Jack C.	1510 Louisa St., Williamsport, Penna.
Hopkins, Samuel C.	Whitford, Penna.
Horlick, Max	R. D. No. 4, New Brunswick, New Jersey
Hummel, Raymond C.	107-28 121st St., Richmond Hill, New York
Hunt, John W.	1752 N. St., N. W., Washington, D. C.
Hutter, Robert T.	3408 Culver Road, Rochester, New York
Hynes, Frank J.	206 Greenway Ave., Darby, Penna.
Ingbretson, Allen E.	518-A South Barnekow Road, Wauwatosa, Wis.
Ingraham, Ross W.	R. D. No. 1, Lafayette, California
Irwin, Roy D.	8752 96th St., Woodhaven, New York
Jackel, Hans A.	2215 Kendall Ave., Madison, Wisconsin
Johnston, Theodore W.	1 Fort Charles Place, New York, N. Y.
Kahn, Warren W.	6541 Saunders St., Forest Hills, New York
Kalmus, Fred	229 W. 97th St., New York, N. Y.
Kamhi, Joseph	677 Sheffield Ave., Brooklyn, New York
Karp, Melvin S.	69 S. Welles St., Wilkes-Barre, Penna.
Karpick, Harry	604 Goodyear Ave., Buffalo, New York
Kidd, Jackson M.	216 N. Elmwood, Oak Park, Illinois
Klekman, Eugene H.	109-15 Queens Blvd., Flushing, New York
Kline, Harold E.	2054 Swatara St., Harrisburg, Penna.
Klugh, Arthur M., Jr.	175 N Ave., Anderson, South Carolina
Knapp, George G. P.	3 Alden Place, Bronxville, New York
Lacroix, Edouard C.	11 Champney St., Brighton, Massachusetts
Landrey, Joseph C.	29 Azel Road, South Braintree, Massachusetts
Lapointe, Raoul	84 Russell St., Winooski, Vermont
Le Fevre, Warren H.	1200 Kenmore Ave., Los Angeles, California
Leister, Raymond C.	1506 Center St., Ashland, Penna.
Leon, Felix	2200 Grand Ave., Bronx, New York
Levin, Morris L.	156 W. Dennick Ave., Youngstown, Ohio
Linahan, John R.	4 Englewood Road, Upper Darby, Penna.
Lombard, Lee R.	532 W. 114th St., New York, N. Y.
Lombardo, Frank M.	1206 Admiral, Kansas City, Missouri
McBride, William	11 Holly St., Lawrence, Massachusetts
McBrien, William K.	75 Morningside Park, Springfield, Massachusetts
McCarthy, Walter D., Jr.	56 Forest St., Fitchburg, Massachusetts
McCoy, James H.	17 E. Charlotte Ave., Sumter, South Carolina
McDermott, Thomas E., Jr.	305 Wethersfield Ave., Hartford, Connecticut.
McDonald, Edward J., Jr.	Pond Road, Ronkonkoma, New York
McGuffee, Walter B.	R. F. D., Boguechitto, Mississippi
McKeough, John E.	179 S. Park Ave., Fond du Lac, Wisconsin
Maffei, Pasquale A.	41 Butler St., Trenton, New Jersey
Maloney, John B.	1016 Beloit Ave., Forest Park, Illinois

Name	Home Address
Manders, Donald C.	3848 Harrison St., N. W., Washington, D. C.
Maniatis, James P.	2042 Grand Ave., Bronx, New York
Mautner, Milton S.	3925 65th St., Woodside, New York
Meade, Ralph L.	111 Bailey Road, Yeadon, Penna.
Medla, John E.	9920 Anderson Ave., Cleveland, Ohio
Menzietti, Anthony P.	382 Carol Ave., Bridgeville, Penna.
Merriman, James J.	88 W. 47th St., Bayonne, New Jersey
Miller, Stanley W.	46 Hiawatha Road, Mattapan, Massachusetts
Monter, John C.	1916 Lincoln Ave., Yakima, Washington
Morano, Nicholas F.	117 Dewitt Place, Ithaca, New York
Moriarty, John E.	63 Williams St., Bellows Falls, Vermont
Morris, Irvine E.	199 E. Lake Drive, S. E., Atlanta, Georgia
Moskowitz, Saul	125 E. 31st St., Brooklyn, New York
Moss, Alfred L.	307 S. Center St., Flora, Indiana
Murphy, Paul E.	40 Downing St., Hingham, Massachusetts
Nagel, Karl H.	Route No. 1, Stockton, New Jersey
Neckowitz, Fred	109 Amboy St., Brooklyn, New York
Neill, Paul V.	1 Grove St., Randolph, Vermont
Nelson, Charles B.	1243 Judson Ave., Evanston, Illinois
Neufeld, Arthur I.	423 11th St., N. W., Washington, D. C.
Noll, Howard D.	96 Curtis St., Quincy, Massachusetts
Norris, Edward D.	306 Oriole Drive, Chattanooga, Tennessee
O'Hanlon, John F.	312 76th St., Brooklyn, New York
Oliver, William H.	1519 Druid Hill Drive, Birmingham, Alabama
O'Neill, Charles G.	109 Quincy Ave., Kearny, New Jersey
Ortiz, Rafael A.	1840 S. Broadway, Wichita, Kansas
Pelunis, Daniel D.	245 E. 180th St., New York, N. Y.
Percival, Leroy F., Jr.	305 Central St., Forestville, Connecticut
Perkins, Lawrence B.	Box No. 338, Canaan, Connecticut
Phillips, Stanley W.	71 Bonnie Brae Ave., Brighton, New York
Pinkerton, Edward C.	Bond Hotel, Hartford, Connecticut
Pomerantz, Emil	2141 46th St., Astoria, New York
Prati, Joe, Jr.	Route No. 37, El Paso, Texas
Precure, DeWitt A.	Box No. 767, Muleshoe, Texas
Rand, Sidney	1108 Findlay Ave., New York, N. Y.
Reiner, Kermit T.	89-19 Sutphin Blvd., Jamaica, New York
Rennels, James W., Jr.	509 E. State St., Alliance, Ohio
Richardson, John C.	37 Fisher St., Dover, New Hampshire
Richman, Julius J.	801 West End Ave., New York, N. Y.
Rogers, Frank C., Jr.	47 Axtell Drive, Scarsdale, New York
Rose, Bernd P.	609 Maple Lane, Sewickley, Penna.
Rosenberg, Jack	486 Brooklyn Ave., Brooklyn, New York
Ross, John B.	3510 N. E. Bryce, Portland, Oregon
Rubenstein, Isadore	864 42nd St., Brooklyn, New York
Rubin, William A.	76 Ross St., Brooklyn, New York
Russell, David W.	2375 N. 4th St., Columbus, Ohio
Safran, Howard D.	1751 York St., Denver, Colorado
Sample, William R.	220 Michigan Ave., Daytona Beach, Florida
Schmidt, Clifford G.	400 Lakeview Ave., Clifton, New Jersey
Schnakenberg, Richard J.	3534 N. Bell Ave., Chicago, Illinois
Schwartz, Kessel	3712 Wabash St., Kansas City, Missouri
Shapiro, Murry	556 E. 4th St., Brooklyn, New York
Shufelt, John A.	69 Church St., Chatham, New York
Siegel, Julius	2258 Ocean Ave., Brooklyn, New York
Slomowitz, Sidney	234 Legion St., Brooklyn, New York
Smith, Eugene E.	709 E. Poythress St., Hopewell, Virginia
Smith, William L.	35 Lyndon Road, Edgewood, Rhode Island
Smith, William R.	233 Connell St., Wilmington, Delaware
Spevack, Edward	415 Monroe St., Carlstadt, New Jersey

Name	Home Address
Stanton, Wilbur G.	R. D. No. 1, New Milford, Penna.
Stegall, Emmett E.	Chester Pike, Richmond, Indiana
Stombellini, Frank C.	541 Ryerson Ave., Wood Ridge, New Jersey
Stransky, Sidney	620 Quebec Place, N. W., Washington, D. C.
Swan, Edward V.	368-20th Ave., Paterson, New Jersey
Trotter, Richard G.	2717 Grand Ave., Fort Smith, Arkansas
Trout, Joseph J.	49 W. 73rd St., New York, N. Y.
Tucker, Arthur W., Jr.	Route No. 4, Mt. Pleasant, Texas
Tucker, Charlie A., Jr.	3203 Gleason Drive, Chattanooga, Tennessee
Turner, James W., Jr.	3219 Brunswick Ave., Drexel Hill, Penna.
Vaccara, John F., Jr.	866 Coney Island Ave., Brooklyn, New York
van-der-Berg, Herbert P.	4220 Massachusetts Ave., Baltimore, Maryland
Veal, Lemuel D.	Hosford, Florida
Verbo, Nicholas	314 Cross St., Philadelphia, Penna.
Visser, Edwin	206 E. 16th St., New York, N. Y.
Voiron, Roger	139-19 34th Road, Flushing, New York
Waddell, William C.	565 W. 192nd St., New York, N. Y.
Walmer, Paul M.	112 S. 1st, Herington, Kansas
Warner, Wendell L.	1367 Frackleton Place, Eagle Rock, California
Weikel, DeWitt C., Jr.	Norristown, Penna.
Weill, Maurice F.	135-A West 168th St., Bronx, New York
Weintraub, Charles W.	29 Douglas Court, Huntington, New York
White, Roger P.	5020 4th Ave., Los Angeles, California
Wiener, Sol	646 Essex St., Brooklyn, New York
Wolf, William K.	40 Oxford Road, New Rochelle, New York
Zamost, Benjamin F.	323 N. 4th Ave., Highland Park, New Jersey
Zehms, Karl H.	620 N. 156th, Sheboygan, Wisconsin
Zimmerman, Harold E.	627 W. Main St., Mechanicsburg, Penna.

# HAVERFORD COLLEGE BULLETIN

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REPORT OF THE  
TREASURER OF THE CORPORATION

1942-43

(President's Report pub. as v. 42, no. 4)



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VOLUME XLII · NUMBER TWO

*Twelfth Month · 1943*





THE CORPORATION OF  
HAVERFORD  
COLLEGE

1942-1943

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*Report of*  
TREASURER OF THE CORPORATION

For the Year Ending Eighth Month 31, 1943



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HAVERFORD · PENNSYLVANIA



# CORPORATION OF HAVERFORD COLLEGE

## OFFICERS

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Germantown, Phila.  
FELIX M. MORLEY, *President of the College*.....Haverford, Pa.  
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.  
JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

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## MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

Term Expires 1944

STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.  
THOMAS SHIPLEY BROWN.....Westtown, Pa.  
C. REED CARY.....Ellet Lane & Wissahickon Ave., Mt. Airy, Phila.

Term Expires 1945

WILLIAM W. COMFORT.....Haverford, Pa.  
LOVETT DEWEES.....Sweetwater Farm, Glen Mills, Pa.  
THEODORE B. HETZEL.....768 College Avenue, Haverford, Pa.

Term Expires 1946

HARRIS G. HAVILAND.....16th and Race Sts., Phila.  
ARCHIBALD MACINTOSH.....3 College Circle, Haverford, Pa.  
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila.

# BOARD OF MANAGERS

1943 - 1944

Ex-officio as Officers of Corporation

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Phila.  
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut Street, Phila.  
JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

Term Expires 1944

J. STOGDELL STOKES.....Stokes and Smith Co., Summerdale, Phila.  
M. ALBERT LINTON.....46th and Market Sts., Phila.  
FRANCIS R. TAYLOR.....910 Girard Trust Bldg., Phila.  
EDWARD WOOLMAN.....Haverford, Pa.  
THOMAS W. ELKINTON.....121 So. 3rd St., Phila.  
DR. S. EMLIN STOKES.....Moorestown, N.J.  
HENRY CARTER EVANS.....635 Manatawna Ave., Roxboro, Phila.  
WILLIAM M. MAIER.....Bailey Building, Phila.

Term Expires 1945

CHARLES J. RHOADS.....Ithan Road, Bryn Mawr, Pa.  
EDWARD W. EVANS.....304 Arch St., Phila.  
WILLIAM A. BATTEY.....Liberty Trust Building, Phila.  
DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.  
JOHN A. SILVER.....Olney P.O., Phila.  
ALFRED BUSSELLE.....347 Madison Ave., New York, N.Y.  
WALTER C. JANNEY.....1529 Walnut St., Phila.  
WILLIAM B. BELL.....Rockefeller Plaza, New York, N.Y.

Term Expires 1946

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila.  
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila.  
L. HOLLINGSWORTH WOOD.....103 Park Ave., New York, N.Y.  
STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.  
WILLIAM WISTAR COMFORT.....Haverford, Pa.  
DR. HENRY M. THOMAS, JR.....1201 N. Calvert St., Baltimore, Md.  
ALEXANDER C. WOOD, JR.....511 Chestnut St., Phila.  
HAROLD EVANS.....1000 Provident Trust Bldg., Phila.

## Alumni Representatives

JOHN K. GARRIGUES, Term expires 1944.....1102 Westover Road,  
Westover Hills, Wilmington, Del.  
PAUL VAN REED MILLER, Term expires 1945.....Girard Trust Bldg., Phila.  
OWEN B. RHOADS, Term expires 1945.....Packard Bldg., Phila.  
WILLIAM NELSON WEST III, Term expires 1946..1104 Stock Exchange Bldg., Phila.

## Faculty Representatives

Term Expires 1944  
CLETUS O. OAKLEY

Term Expires 1946  
D. P. LOCKWOOD

Chairman of Board  
MORRIS E. LEEDS

Secretary of Board  
EDWARD W. EVANS

## HAVERFORD COLLEGE

### STANDING COMMITTEES OF THE BOARD OF MANAGERS OF THE CORPORATION OF HAVERFORD COLLEGE

#### *Executive Committee*

J. STOGDELL STOKES, <i>Chairman</i>	WALTER C. JANNEY
J. HENRY SCATTERGOOD	W. NELSON WEST, 3RD
JONATHAN M. STEERE	DR. S. EMLIN STOKES
ALEXANDER C. WOOD, JR.	THOMAS W. ELKINTON
DR. FREDERIC C. SHARPLESS	PAUL V. R. MILLER

#### *Committee on Finance and Investments*

JONATHAN M. STEERE, <i>Chairman</i>	DR. S. EMLIN STOKES
J. HENRY SCATTERGOOD	M. ALBERT LINTON
ALEXANDER C. WOOD, JR.	JOHN K. GARRIGUES
WILLIAM B. BELL	

#### *Committee on Audit and Accounts*

WILLIAM A. BATTEY, <i>Chairman</i>	WILLIAM M. MAIER
FRANCIS R. TAYLOR	W. NELSON WEST, 3RD
HAROLD EVANS	

#### *Committee on College Property and Farm*

HENRY C. EVANS, <i>Chairman</i>	EDWARD WOOLMAN
FREDERIC H. STRAWBRIDGE	ALFRED BUSSELLE
THOMAS W. ELKINTON	WILLIAM M. MAIER
WILLIAM A. BATTEY	OWEN B. RHOADS
JOHN A. SILVER	

#### *Committee on Honorary Degrees*

WILLIAM W. COMFORT, <i>Chairman</i>	STANLEY R. YARNALL
L. HOLLINGSWORTH WOOD	FRANCIS R. TAYLOR
DR. HENRY M. THOMAS, JR.	M. ALBERT LINTON

## OFFICERS OF ADMINISTRATION

---

FELIX M. MORLEY

A.B., *Haverford College*; B.A., *Oxford University*; Ph.D., *Brookings Institution*; L.L.D.,  
*Hamilton College and University of Pennsylvania*; Litt.D., *George Washington University*  
President

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*  
Vice President, and Director of Admissions

THOMAS C. GIBB

A.B., *Dickinson College*; A.M., *Haverford College*  
Acting Dean

WILLIAM MINTZER WILLS

A.B., A.M., *Haverford College*  
Comptroller and Registrar

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*  
Librarian

ROBERT J. JOHNSTON

Superintendent

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*  
Physician in Charge

LOUIS C. GREEN

A.B., A.M., and Ph.D., *Princeton University*  
Director of the Strawbridge Memorial Observatory

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*  
Curator of the Quaker Collection

BRINTON H. STONE

A.B., *Johns Hopkins University*; M.A., *Columbia University*  
Assistant to the President

RICHARD HOWELL

Steward

AMY L. POST

A.B., *Earlham College*  
Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*  
Resident Nurse

MARY L. SCAIFE

Secretary to the President

NOTE—For List of Faculty, see Catalogue 1943-1944

# HAVERFORD COLLEGE

## SUMMARY OF THE ACCOUNT OF

J. HENRY SCATTERGOOD, Treasurer of

## THE CORPORATION OF HAVERFORD COLLEGE

For the Year Ending Eighth Month 31, 1943

### RECEIPTS

#### Income From Funds For General Purposes

General Endowment Fund.....	\$ 4,513.14
John Farnum Memorial Fund.....	1,766.01
John M. Whittall Fund.....	493.52
David Scull Fund.....	2,078.27
Edward L. Scull Fund.....	527.11
Wistar Morris Memorial Fund.....	238.61
Israel Franklin Whittall Fund.....	500.10
Jacob P. Jones Endowment Fund.....	60,361.95
John Farnum Brown Fund.....	12,797.11
Ellen Wain Fund.....	515.65
Clementine Cope Endowment Fund.....	996.95
Nathan Branson Hill Fund.....	136.46
Joseph E. Gillingham Fund.....	1,966.40
Henry Norris Fund.....	273.01
Elizabeth H. Farnum Fund.....	322.71
James R. Magee Fund.....	2,048.75
Albert K. Smiley Fund.....	69.57
Hinchman Astronomical Fund.....	1,832.85
W. D. & E. M. L. Scull Fund.....	8,096.66
Albin Garrett Memorial Fund.....	1,241.72
Arnold Chase Scattergood Memorial Fund.....	1,130.90
Francis B. Gummere Memorial Fund.....	5,824.31
Isaac Sharpless Memorial Fund.....	10,145.32
General Education Board Fund.....	5,847.84
Centenary Fund.....	11.12
William Penn Foundation.....	4,734.21
Walter Carroll Brinton Memorial Fund.....	655.20
Corporation Fund.....	3,711.12
Elizabeth J. Shortridge Fund.....	463.83
Howard Comfort Memorial Fund.....	233.18
Emma Ridgway Comly Fund.....	2,318.58
Ellen W. Longstreth Fund.....	4,863.49
Albert L. Baily Fund.....	231.92
Elizabeth B. Wistar Warner Fund.....	229.60
T. Allen Hilles Bequest.....	13,022.75
Leonard L. Grief Jr. & Roger L. Grief Fund.....	46.38
Edward M. Wistar Fund.....	115.96
Morris E. Leeds Fund.....	1,898.02
J. Henry Scattergood Fund.....	<u>78.92</u>

Forward.....

156,339.20

# HAVERFORD COLLEGE

Forward.....		\$ 156,339.20
<u>Income From Fund For T. Wistar Brown</u>		
<u>Graduate School</u>		
Moses Brown Fund.....		16,340.70
<u>Income From Funds For Morris Infirmary</u>		
Infirmary Endowment Fund.....	447.76	
John W. Pinkham Fund.....	<u>234.68</u>	682.44
<u>Income From Fund For Haverford Union</u>		
Haverford Union Fund.....		87.15
<u>Income From Funds For Scholarships</u>		
Thomas P. Cope Fund.....	243.87	
Edward Yarnall Fund.....	281.51	
Isaiah V. Williamson Fund.....	919.19	
Richard T. Jones Scholarship Fund.....	234.53	
Mary M. Johnson Scholarship Fund.....	325.31	
Sarah Marshall Scholarship Fund.....	367.34	
Clementine Cope Fellowship Fund.....	1,059.66	
Isaac Thorne Johnson Scholarship Fund.....	372.34	
Caspar Wistar Memorial Fund.....	136.89	
J. Kennedy Moorhouse Scholarship Fund.....	239.14	
Louis Jaquette Palmer Scholarship Fund.....	231.92	
Paul W. Newhall Memorial Scholarship Fund.....	234.03	
Robert Martin Zuckert Memorial Scholarship Fund.....	713.10	
Samuel E. Hilles Scholarship Fund.....	232.72	
Class of 1913 Scholarship Fund.....	139.15	
Class of 1917 Scholarship Fund.....	<u>99.45</u>	5,830.15
<u>Income From Funds For Library</u>		
Alumni Library Fund.....	808.69	
Mary Farnum Brown Library Fund.....	3,082.50	
William H. Jenks Library Fund.....	231.92	
Mary Wistar Brown Williams Library Fund.....	941.89	
Anna Yarnall Fund.....	7,921.59	
F. B. Gummere Library Fund.....	29.48	
Edmund Morris Fergusson, Jr. Memorial Fund.....	46.49	
Class of 1888 Library Fund.....	266.73	
Class of 1918 Library Fund.....	<u>58.14</u>	13,387.43
<u>Income From Funds For Old Style Pensions</u>		
President Sharpless Fund.....	1,912.71	
William P. Henszey Fund.....	1,704.98	
Jacob P. Jones Benefit Fund.....	3,159.33	
Pliny Earle Chase Memorial Fund.....	151.78	
Haverford College Pension Fund.....	<u>5,196.81</u>	<u>12,125.61</u>
Forward.....		204,792.68



# HAVERFORD COLLEGE

Forward..... \$ 204,792.68

## Income From Funds For Special Purposes

Thomas Shipley Fund.....	243.42	
Elliston P. Morris Fund.....	52.26	
John B. Garrett Reading Prize Fund.....	105.39	
Special Endowment Fund.....	427.98	
Scholarship Improvement Prize Fund.....	106.54	
Elizabeth P. Smith Fund.....	80.90	
S. P. Lippincott History Prize Fund.....	118.13	
Francis Stokes Fund.....	237.50	
George Peirce Prize Fund.....	98.67	
Lyman Beecher Hall Prize Fund.....	99.96	
Newton Prize Fund.....	64.83	
Edward B. Conklin Athletic Fund.....	111.32	
Arboretum Fund.....	212.79	
William Ellis Scull Prize Fund.....	92.77	
Paul D. I. Maier Fund.....	46.38	
Strawbridge Observatory Maintenance Fund.....	178.09	
Jacob & Eugenie Bucky Memorial Foundation.....	95.95	
Mathematics Department Prize Fund.....	9.14	2,382.02

Income From The Funds For The College..... 207,174.70

## Income From Special Trust

Augustus Taber Murray Research Scholarship Fund..... 952.16

Total Income From All Funds..... 208,126.86

## Income From College Sources

Tuition - Cash.....	105,273.25	
Scholarships Donated.....	4,238.00	
Scholarships From Funds.....	12,964.15	122,475.40
Board - From Students.....	71,379.37	
From U. S. Officers.....	4,554.57	75,933.94
Room Rents - From Students.....	39,305.37	
From U. S. Officers.....	2,196.93	41,502.30
Re-examination Fees.....		541.00
Miscellaneous Fees.....		909.98
Board of Professors.....		1,721.25
Rentals.....		13,341.50
Infirmary.....		538.99
Library.....		543.43
Biological Laboratory.....		959.85
Chemical Laboratory.....		4,119.93
Physics Laboratory.....		1,588.12
Engineering Laboratory.....		2,599.66
Music Department.....		148.50
Observatory.....		170.07
Mathematics Department.....		5.00
Haverford Review.....		286.85
		267,385.77

Forward..... 475,512.63

# HAVERFORD COLLEGE

Forward..... \$ 475,512.63

## Accelerated Summer Term - 1943 - Uncompleted

Tuition.....	18,993.92	
Board.....	11,353.60	
Rooms.....	5,165.01	
Donation for Faculty Salary.....	<u>260.00</u>	35,772.53

## Pre-Meteorology Unit - Uncompleted

From U. S. Government		
Instruction.....	59,727.14	
Subsistence.....	38,682.50	
Maintenance and Operation.....	9,268.22	
Use of Facilities.....	9,508.13	
Medical Services.....	1,546.88	
Activating Costs.....	<u>25,116.07</u>	143,848.94
From Sale of Books.....	<u>388.38</u>	144,237.32

## Donations other than for Funds

For Prizes		
Class of 1902 Latin Prizes.....	40.00	
Class of 1910 Poetry Prizes.....	<u>100.00</u>	140.00
For Library		
Metzke Royalties.....	58.37	
Miscellaneous Library Gifts.....	76.60	
Friend of the Library - Anonymous....	<u>750.00</u>	884.97
For Music and Art		
Carnegie Corporation.....	8,000.00	
Other Receipts.....	<u>103.21</u>	8,103.21
For Scholarships		
New England Alumni.....	300.00	
Isaac Sharpless Scholarships from		
Alumni Association.....	500.00	
Alvord Foundation.....	700.00	
Walter Hollender - return of		
Corporation Scholarship.....	150.00	
Bovertown Public School.....	50.00	
Anonymous for 1943-44.....	46.00	
S. Guggenheim Foundation.....	200.00	
American Friends Service Committee..	600.00	
U. S. Bureau of Education.....	500.00	
Anonymous.....	1,100.00	
Anonymous - for Summer Term		
Scholarship.....	1,500.00	
Anonymous - for Special		
Scholarships.....	2,000.00	
Edward Woolman.....	<u>60.00</u>	7,706.00
For Travel Expense 50th Class Reunion		
from Edward Woolmen.....		40.00
For Campus Club.....	486.50	
For Care of Cope Field.....	<u>45.00</u>	531.50
For Roberts Hall Electrical Equipment..	236.45	
For Engineering Equipment.....	150.00	
For Field House.....	932.12	
For Gummere-Morley Room in New Library		
from Class of 1892.....	228.94	
For Maintenance Government &		
Language Houses.....	115.00	
For Inauguration of Government House...	<u>350.00</u>	<u>2,012.51</u>

Forward..... 19,418.19      655,522.48

# HAVERFORD COLLEGE

Forward..... \$ 19,418.19      655,522.48

## Donations other than for Funds (continued)

For Lecture.....	100.00	
For Salaries.....	1,068.25	
For Summer Term Salary.....	260.00	
For Haverford Review - from Alumni Association.....	171.50	
For Educational Miscellaneous.....	50.00	
For Prize Essey.....	100.00	
For Premeteorology Award.....	25.00	
Class of 1934 Gift, as yet Undesignated.....	448.41	
Morris E. Leeds Gift, Undesignated.....	2,000.00	
Special Gift for General Purposes.....	200.00	
For Reconstruction and Relief.....	300.00	
Radio Club - Interest added.....	61.60	
Deficit on Collection Speakers - Educational Misc. ....	33.23	
For Library - New Stock Addition.....	3,408.59	
For Triangle Society Gift:-		
Realized from Stock Donated.....	11,025.23	
Dividends on Stock Donated.....	630.00	
Donated for salary paid from this gift..	<u>100.00</u>	
		<u>11,755.23</u> 39,400.00

## Additions to the Funds

Ellen W. Longstreth Fund - Further realization on		
legacy.....	166.80	
Moses Brown Fund - Income capitalized.....	1,634.07	
Isaac Thorne Johnson Scholarship Fund - Income		
capitalized.....	72.34	
Class of 1917 Scholarship Fund - Donated.....	262.50	
Class of 1917 Scholarship Fund - Income capitalized....	116.08	
Mary Farnum Brown Library Fund - Income capitalized....	386.81	
Anna Yarnall Fund - Further realization on legacy.....	449.31	
George Peirce Prize Fund - Income capitalized.....	48.67	
Jacob & Eugenie Bucky Foundation - Income		
capitalized.....	95.95	
Mathematics Department Prize Fund - Donated (new).....	900.00	
Mathematics Department Prize Fund - Income		
capitalized.....	<u>9.24</u>	4,141.67

## Miscellaneous Receipts \*

Receipts from Skating Pond.....	230.90	
Merion Title & Trust Company in liquidation on		
a/c deposit a/c 5%.....	522.48	
Griffin Lane Apartments - Rents.....	272.30	
Student Reimbursement Insurance.....	1,612.00	
Haverford Students Store - Received on a/c.....	3.38	
Repayment - a/c advance to Student Loan Fund.....	5,000.00	
From Bryn Mawr College - a/c Professor Loaned.....	1,000.00	
Student Activities - Fees collected.....	3,997.50	
Victory and Other Taxes Withheld.....	10,610.25	
Reserve for Language House Alterations applied.....	511.87	
Reserve for Kitchen Alterations applied.....	<u>2,501.03</u>	<u>26,261.71</u>

Forward.....

725,325.86

\*Note: The United States Office of Education has conducted Engineering, Science and Management Defense Training at the College to an amount of \$9,551.35 during the year. This is not included in the accounts of the College. Also \$2,278.00 has been received on account of the Fiscal Year 1943-44.

# HAVERFORD COLLEGE

Forward..... \$ 725,325.86

## Items Relating to Other Fiscal Years

Old Bills Collected.....	117.70	
Room Rents 1943-44 received in advance.....	120.00	
Advance on Salary repaid.....	1,400.00	
Coal for 1942-43 bought in advance applied.....	2,117.63	
Prepaid Insurance Applied.....	1,949.68	
Expenses prepaid refunded.....	<u>1,188.31</u>	6,893.32

## Investments Realized

<u>Consolidated Investments Account</u>			
Bonds - Industrial	11,120.00		
Public Utility	54,383.65		
Railroad	146,628.15		
Miscellaneous	<u>526.14</u>	212,657.94	
Stocks - Preferred			
Public Utility		23,489.87	
Stocks - Common			
Railroad		15,530.49	
Mortgages -			
Received on a/c	54,162.90		
Foreclosed	<u>2,815.00</u>	56,977.90	
Real Estate			
Sold	30,218.36		
Sundry Receipts	<u>320.67</u>	30,539.03	
Miscellaneous - Received			
on advance for house on			
campus.....		<u>822.78</u>	340,018.01
John Farnum Memorial Fund.....		2,799.34	
<u>Nathan Branson Hill Fund</u>			
(First Bank & Trust Co.			
of Minneapolis) - (Entered			
short) \$524.65			
<u>Elizabeth H. Farnum Fund</u>			
(Provident Trust Co. Trustee)			
(Entered short) \$460.00			
<u>Ellen W. Longstreth - Mary Pearsall</u>			
et al Agency a/c.....		649.55	
Augustus Taber Murray Research Scholarship Fund.....		<u>8,045.00</u>	351,511.90
<u>Money Borrowed Temporarily</u> .....			30,000.00
<u>Balances 9th Month 1, 1942</u>			
In Treasurer's Account.....		67,340.73	
In President's Account.....		<u>31,947.63</u>	99,288.36
			<u>\$ 1,213,019.44</u>

# HAVERFORD COLLEGE

## EXPENDITURES

1942 - 1943

### Expenses of Running the College \*

Salaries - Instruction & Executive.....	\$180,140.43	
Library Staff.....	<u>11,726.50</u>	191,866.93
Pension Contributions.....		6,181.59
Wages - Administrative & General.....	20,108.74	
Power Plant.....	4,197.37	
Residence Halls.....	15,067.38	
Dining Room & Kitchen.....	<u>15,835.03</u>	55,208.52
Provisions.....		36,542.83
Family Expenses & Furniture.....		5,106.96
Educational Miscellaneous.....		3,333.36
Fuel & Light.....		18,833.51
Water.....		2,449.13
Lawn & Garden.....		7,192.17
Infirmary.....		3,063.61
Haverford Union.....		14.50
Library.....		1,897.49
Biological Laboratory.....		440.30
Chemical Laboratory.....		4,010.19
Physics Laboratory.....		1,552.50
Engineering Laboratory.....		2,534.34
Music Department.....		156.66
Observatory.....		188.40
Gymnasium and Athletics.....		9,757.79
Printing and Advertising.....		2,177.25
Haverford Review.....		1,090.66
Entertainment Expenses.....		1,147.52
Repairs and Improvements.....		20,158.94
Interest.....		5,527.61
Taxes - Regular.....	1,851.66	
521 Penmore Road (this year).....	<u>581.94</u>	2,433.60
Insurance - Regular.....	<u>4,433.56</u>	
Appraisal of Contents.....	2,000.00	6,433.56
Secretary and Treasurer's Expenses.....	<u>3,395.93</u>	
Auditing Expense.....	500.00	
Contribution (2 yrs.) to Haverford Meeting...	<u>200.00</u>	4,095.93
Miscellaneous Expense charge to Moses		
Brown Fund.....		100.00
Rent - W. D. & E. M. L. Scull Fund.....	340.00	
Rent - Government House, No. 8 College Lane..	2,400.00	
Rent - Language House, No. 2 College Lane....	1,200.00	
Rent - No. 1 College Circle.....	<u>1,200.00</u>	<u>5,140.00</u>
Regular Expenses of Running the College.....		398,635.85
(Apart from Pre-meteorological Unit and		
uncompleted accelerated Summer Term 1943		
(see below)		

\*Note: These expenses are apart from amounts charged on various items to Summer Term and to Pre-meteorology as listed below.

Forward..... 398,635.85

# HAVERFORD COLLEGE

Forward..... \$ 398,635.85

Add

Stork Art Gift Shortage.....	1,244.00	
Second 1/6 cost of Language House Improvements.....	511.87	
Second 1/6 cost of Kitchen Alterations.....	2,501.03	
Old Style Pensions.....	24,439.90	
Special Pensions.....	810.60	
Annuity.....	<u>1,600.00</u>	31,107.40

Accelerated Summer Term - 1942, Completed  
(Additional Net Expenses as follows:)

Salaries - Faculty.....	5,974.65	
Library.....	344.00	
Administrative.....	<u>256.15</u>	6,574.80
Wages - Power Plant.....	315.00	
Residence Halls.....	1,484.50	
Dining Room & Kitchen.....	<u>990.60</u>	2,790.10
Provisions.....	2,072.54	
Family Expenses & Furniture.....	378.12	
Educational Miscellaneous.....	27.77	
Fuel and Light.....	388.96	
Lawn and Garden.....	65.33	
Infirmary.....	165.96	
Gymnasium and Athletics.....	599.00	
Library.....	95.88	
Repairs & Improvements - Screens.....	<u>100.00</u>	13,258.46
(Deducting these from the balance carried over from 1942-43, leaves a final credit balance of \$16,968.60)		

Accelerated Summer Term - 1943, Uncompleted  
All bills not yet in; figures carried over into Fiscal Year 1943-44

Salaries - Faculty.....	5,996.78	
Library.....	466.00	
Administration.....	<u>500.00</u>	6,962.78
Wages - Power Plant.....	218.00	
Residence Halls.....	785.80	
Dining Room & Kitchen.....	<u>700.68</u>	1,704.48
Provisions.....	3,569.73	
Family Expenses and Furniture.....	50.13	
Fuel and Light.....	530.25	
Lawn and Garden.....	141.94	
Infirmary.....	5.13	
Repairs and Improvements.....	121.32	
Scholarships.....	<u>925.00</u>	14,010.76
(Credit Balance Accelerated Summer Term - 1943, carried forward \$21,761.77)		

Forward..... 457,012.47

# HAVERFORD COLLEGE

Forward..... \$ 457,012.47

## Pre-meteorological Unit, Uncompleted

Salaries - Faculty.....	36,393.02		
Administrative.....	2,858.58		
Books.....	7,779.68		
Educational Miscellaneous.....	1,974.15		
Biological Laboratory.....	749.32		
Physics Laboratory.....	960.10	50,714.85	
Provisions.....	24,356.15		
Wages - Residence Halls.....	1,237.79		
Dining Room & Kitchen.....	7,445.10	33,039.04	
Family Expenses and Furniture.....	3,595.93		
Fuel and Light.....	2,888.86		
Wages - Power Plant.....	970.63		
Water.....	259.48		
Lawn and Garden.....	138.75		
Gymnasium and Athletics.....	26.56		
Printing and Advertising.....	64.75		
Repairs and Improvements.....	695.59		
Obstacle Course.....	334.66	8,975.21	
Infirmary.....		739.87	
Activating Costs - Family Expenses & Furniture.....	13,861.92		
Repairs & Improvements..	10,522.61	24,384.53	117,853.50

## Expenditures from Income of Funds for Scholarships & Fellowships

General Endowment Fund.....	875.00		
Jacob P. Jones Endowment Fund.....	6,737.50		
Joseph E. Gillingham Fund.....	670.00		
Moses Brown Fund - At Pendle Hill..	350.00		
At Haverford....	450.00		
Thomas P. Cope Fund.....	800.00		
Edward Yarnall Fund.....	410.00		
Edward Yarnall Fund.....	125.00		
Issiah V. Williamson Fund.....	1,076.65		
Richard T. Jones Scholarship Fund.....	175.00		
Mary M. Johnson Scholarship Fund.....	300.00		
Sarah Marshall Scholarship Fund.....	300.00		
Clementine Cope Fellowship Fund-			
Lewis Paul Saxer at Northwestern			
University.....	500.00		
Gove Hambridge at Yale Medical			
School.....	400.00	900.00	
Isaac Thorne Johnson Scholarship Fund.....	300.00		
Casper Wister Memorial Fund.....	100.00		
J. Kennedy Moorhouse Scholarship Fund.....	225.00		
Louis Jaquette Palmer Scholarship Fund.....	225.00		
Paul W. Newhall Scholarship Fund.....	125.00		
Robert Martin Zuckert Memorial			
Scholarship Fund.....	600.00		
Samuel E. Hilles Scholarship Fund.....	175.00		
Class of 1913 Scholarship Fund.....	95.00	14,214.15	
Forward.....		14,214.15	574,865.97

# HAVERFORD COLLEGE

Forward..... \$ 14,214.15      \$ 574,865.97

## Expenditures from Income of Special Trust

Augustus Taber Murray Research  
Scholarship Fund - Annuity..... 980.00

## Expenditures from Income of Funds for Library

W. D. & E. M. L. Scull Fund - Books.....	216.42	
Ellen W. Longstreth Fund - Quakeriana Books	300.00	
Mary Farnum Brown Library Fund -		
Books - General.....	1,936.20	
Books - Christian Knowledge...	333.99	
Lectures.....	425.50	
William H. Jenks Library Fund - Books.....	2,695.69	
Mary Wistar Brown Williams Library Fund -	119.02	
Books.....	205.86	
Anna Yarnall Fund - Books.....	2,258.33	
F. B. Cummere Library Fund - Books.....	2.01	
Edmund Morris Fergusson Jr. Memorial Fund -		
Books.....	33.55	
Class of 1888 Library Fund - Books.....	.42	
	5,831.30	

## Expenditures from Income of Special Funds

J. Henry Scattergood Fund - Lecture.....	30.00	
Thomas Shipley Fund - Lectures.....	215.88	
Elliston P. Morris Fund - Books.....	137.10	
Special Endowment Fund -		
Friends Council on Education..	25.00	
Religious Education Committee.	200.00	
Scholarship Improvement Prize Fund - Prizes	225.00	
S. P. Lippincott History Prize Fund - Books	95.00	
Francis Stokes Fund - Trees and Shrubs.....	16.06	
George Peirce Prize Fund - Prizes.....	56.15	
Lyman Beecher Hall Prize Fund - Prizes.....	50.00	
Newton Prize Fund - Books.....	100.00	
Prize.....	4.23	
Prize.....	50.00	
Paul D. I. Maier Fund - Prizes.....	54.23	
Strawbridge Observatory Maintenance Fund -	20.00	
Equipment and Telephone.....	76.30	
	1,075.72	
		22,101.17

## Paid out of Donations

For Prizes -		
Class of 1902 Latin Prize.....		10.00
For Library -		
For Books from Matzke Royalties.....	45.59	
For German Books from Janssen		
Foundation Gift.....	24.63	
For Books from Carnegie Corporation Gift	79.87	
For Books from Class of 1932 Gift		
(Morgan Memorial).....	26.07	
For Greek Books from Professor Post's		
Gift.....	2.82	
Binding Professor Jones' Quaker Library.	89.65	
For Books from Dr. Arthur's Gift.....	113.02	
For Books from Miscellaneous Library		
Gifts.....	29.97	
Congressional Catalogue and Books from		
Gift of Friend of the Library.....	750.00	
Share of same from Gift of Morris E.		
Leeds.....	392.00	
	1,553.62	
For Music - from Carnegie Corporation Gift		
(Also for Music Salary \$1000.).....	655.66	
For Art - from Carnegie Corporation Gift.....	40.69	
	2,259.97	
Forward.....		596,967.14



# HAVERFORD COLLEGE

Forward..... \$ 2,259.97    \$ 596,967.14

## Paid out of Donations

For Scholarships -			
From New England Alumni.....	300.00		
Isaac Sharpless Scholarships from			
Alumni Association.....	500.00		
From Alvord Foundation Gift.....	200.00		
From Walter Hollander's Gift.....	150.00		
From Boyertown Public School Gift.....	50.00		
From S. Guggenheim Foundation Gift.....	200.00		
From American Friends Service Committee			
Gift.....	600.00		
From United States Bureau of Education...	500.00		
From Anonymous Gift.....	1,100.00		
From Anonymous Gift for Special			
Scholarships.....	470.50		
From Anonymous Gift for Summer Term.....	1,320.00		
From Class of 1917 Gift for Scholarship..	107.50		
From Edward Woolman's Gift.....	60.00	5,558.00	
Travel for 50th Class Reunion from Edward			
Woolman's Gift.....		40.00	
For Campus Club.....		486.50	
For Field House - Invested in U. S. Bonds...	888.00		
For Gummere-Morley Room in Library from			
Gift of Class of 1892.....	1,778.94		
For Maintenance - Government and Language			
Houses.....	115.00		
For Furnishing Government House.....	277.04		
For Inauguration of Government House.....	350.00	3,408.98	
For Educational Miscellaneous.....		50.00	
For Summer Term Salary.....		260.00	
For Reconstruction and Relief -			
from Janssen Foundation Gift.....	286.28		
from Bucky Foundation Gift.....	488.99	775.27	
Class of 1934 Gift - Invested in U. S. Bonds.....		425.50	
For Radio Club.....		150.00	
From Triangle Society Gift			
Government House Alterations.....	2,127.11		
Government House Furnishings.....	300.32		
Government House Maintenance.....	52.77		
Government House - Inauguration.....	104.30		
Government House - Maps.....	47.05		
Department of Government.....	24.15		
Expenses of Special Lecturer on			
Government.....	381.60		
Model League.....	75.00		
Princeton Conference.....	16.50		
New Research Chemistry Laboratory.....	1,256.22		
Toward rent in Sharpless House.....	310.00	4,695.02	18,109.24

## New Construction (from Donations)

New Stacks Addition to Library	23.70		
(Final cost \$126,931.20)			
Library Old Stack Building made over for			
Quakeriana and Roberts Collection	137.36		
(From Morris E. Leeds Gift)			
(Final cost \$28,336.19)			
Forward.....	161.06	615,076.38	

# HAVERFORD COLLEGE

Forward.....	\$	161.06	\$	615,076.38
<u>New Construction (from Donations) (continued)</u>				
Fourth and Fifth Tiers of New Stack				
Building Completion and Improvements				
to Heating.....		234.47		
(Final cost \$30,060.76)				
(From Morris E. Leeds' Gift)				
<u>Other New Construction</u>				
Purchase of 521 Panmure Road				
and Improvements.....		<u>13,253.70</u>		13,649.23
<u>Miscellaneous Expenditures</u>				
Proceeds from Skating Pond turned over				
to Athletic Association.....		230.90		
Griffin Lane Apartments - Expenses advanced.....		1,050.09		
Student Reimbursement Insurance.....		1,573.00		
Haverford Students Store - Advance.....		993.38		
Student Activities Expenses				
Student Affairs.....	640.52			
1943 Year Book.....	1,050.00			
Haverford News.....	864.30			
Cap and Bells.....	317.20			
Student Association.....	190.32			
Debating.....	136.44			
Alumni Association.....	172.00			
Insurance.....	<u>39.00</u>			
Victory and other Taxes withheld and paid.....		<u>3,409.78</u>		
		<u>10,404.65</u>		17,661.80
<u>Items Relating to Other Fiscal Years</u>				
Room Rents 1942-43 in advance applied.....		4,170.00		
Coal for 1943-44 bought in advance.....		1,374.68		
Insurance - prepaid.....		<u>213.75</u>		5,758.43
<u>Investments Made</u>				
Consolidated Investments Account				
Bonds - Industrial....	2,035.00			
Public Utility	19,464.85			
Railroad.....	<u>115,075.53</u>	<u>136,575.38</u>		
Preferred Stocks -				
Industrial....	21,675.26			
Public Utility	41,126.51			
Railroad.....	<u>24,123.95</u>	86,925.72		
Common Stocks -				
Bank.....	25,882.46			
Industrial....	56,512.86			
Public Utility	<u>12,954.62</u>	95,349.94		
Mortgages.....		15,252.31		
Real Estate -				
Foreclosed.....	2,815.00			
Charges to Principal..	<u>666.04</u>	<u>3,481.04</u>	<u>337,584.39</u>	
Forward.....		337,584.39		652,145.84

# HAVERFORD COLLEGE

Forward..... \$ 337,584.39    \$ 652,145.84

## Investments Made

John Farnum Memorial Fund.....	2,307.69	
Nethen Brenson Hill Fund		
(First Bank & Trust Company of		
Minneapolis - entered short)		
Investments made \$500.00		
Ellen W. Longstreth Agency a/c.....	20.74	
Ellen W. Longstreth - Mary Pearsall		
Agency a/c.....	29.63	
Augustus Taber Murray Research Scholarship Fund...	8,138.11	348,080.56

## Income Transferred to Principal

Moses Brown Fund.....	1,634.07	
Isaac Thorne Johnson Scholarship Fund.....	72.34	
Class of 1917 Scholarship Fund.....	116.08	
Mary Farnum Brown Library Fund.....	386.81	
George Peirce Prize Fund.....	48.67	
Mathematics Department Prize Fund.....	9.14	
Jacob & Eugenie Bucky Memorial Foundation.....	95.95	2,363.06

## Borrowed Money Repaid

30,000.00

## Balances 8th Month 31, 1943.

In Treasurer's Account.....	125,890.21	
In President's Account.....	54,539.77	180,429.98
		1,213,019.44

# HAVERFORD COLLEGE

## FINANCIAL STATEMENT

For The Year Ending 8th Month 31, 1943

### Net Cash Receipts at College

As per foregoing statement.....	\$	267,385.77	
Less: Tuition provided by Scholarships			
From Funds.....	\$	12,964.15	
From Donations...		<u>4,238.00</u>	
		17,202.15	\$ 250,183.62
Receipts of Completed Accelerated			
Summer Term 1942, last year's report			<u>48,379.33</u>
			298,562.95

### Income from Funds and Donations

(Applicable to Operating Account  
after capitalizing and special  
purposes)

Income from Funds.....	193,629.40		
Donations for Scholarships.....	4,238.00		
Other Donations and Refund for			
Salaries, etc. ....	3,589.75		
From Student Loan Fund - Return on			
a/c advances made.....	<u>5,000.00</u>	<u>206,457.15</u>	505,020.10

### Expenses of Running the College

Regular running expenses as per  
foregoing statement

398,635.85

Add: -

Stork Art Gift - Interest on			
overdraft not covered by income....	1,244.00		
Annuity.....	1,600.00		
Old Style Pensions to Retired Faculty..	24,439.90		
Special Pensions to Retired Employees..	810.60		
Second one-sixth cost of Alterations			
to Language House, No. 2			
College Lane.....	511.87		
Second one-sixth cost of Kitchen			
and Dining Room Alterations.....	<u>2,501.03</u>	429,734.25	

### Expenses of Completed Accelerated

Summer Term, 1942

1941-42 as per last year's report...	18,152.27		
1942-43.....	<u>13,258.46</u>	<u>31,410.73</u>	461,153.98

Operating Gain for 1942-1943..... \$ 43,866.12

Note: The Accelerated Summer Term of 1943, and the Premeteorological Unit have not been completed in the fiscal year 1942-1943, and will go over into 1943-1944.

# HAVERFORD COLLEGE

## STATEMENT OF DEBT OF THE CORPORATION

8th Month 31, 1943

Debt of the Corporation 9th Month 1, 1942		\$ 140,591.81
Decreased during the year: -		
By Old Bills Collected.....	117.70	
By Donations for deficit on		
Library New Stack Addition.....	\$ 3,384.89	
By Operating Gain 1942-1943.....	<u>43,866.12</u>	47,368.71
Increased by Purchase and Alterations		
of 521 Panmure Road Property.....	<u>13,253.70</u>	<u>34,115.01</u>
Debt 8th Month 31, 1943.....		\$ 106,476.80
Incurring as follows: -		
Accumulated deficits.....		26,630.10
Campus Dwellings		
(not covered by Donations)		
No. 1 College Circle.....	14,689.98	
No. 3 College Circle.....	9,616.17	
No. 4 College Circle.....	10,938.46	
No. 5 College Circle.....	8,717.69	
791 College Avenue		
(Sharpless House).....	14,412.29	
787 College Avenue		
(Bebbitt House).....	<u>8,203.41</u>	66,578.00
521 Panmure Road.....		13,253.70
Library New Stack Addition		
(covered by pledge).....		<u>15.00</u>
		<u>\$ 106,476.80</u>

Note: - The Investment of the Funds in College Lane Real Estate and eight Dwellings remains the same, being \$201,500. in Consolidated Investments Account.

## REPORT OF FUNDS

## PRINCIPAL

## INCOME

	Book Value 9/1/42	Increased	Decreased	Book Value 8/31/43	Balance 9/1/42	Net Income	Expended for General Purposes	Expended for Special Purposes	Balance 8/31/43
<u>Funds for General Purposes</u>									
General Endowment Fund.....	94,666.07		912.21	93,753.86		4,513.14	3,638.14	875.00 Scholarships	
John Farnum Memorial Fund.....	38,219.55	1.20	3,225.83	34,994.92		1,766.01	1,766.01		
John M. Whitell Fund.....	10,351.93		99.75	10,252.18		493.52	493.52		
David Scull Fund.....	43,593.11		420.07	43,173.04		2,078.27	2,078.27		
Edward L. Scull Fund.....	11,056.57		106.54	10,950.03		527.11	527.11		
Wister Morris Memorial Fund.....	5,004.92		48.23	4,956.69		238.61	238.61		
Israel Franklin Whitell Fund.....	10,489.94		101.08	10,388.86		500.10	500.10		
Jacob P. Jones Endowment Fund.....	1,266,130.87		12,200.62	1,253,930.25		60,361.95	53,624.45	6,737.50 Scholarships	
John Farnum Brown Memorial Fund.....	2,586.61		268,427.71	265,841.10		12,797.11	12,797.11		
Ellen Wain Fund.....	10,816.02		104.22	10,711.80		515.65	515.65		
Clementine Cope Endowment Fund.....	20,911.57		201.51	20,710.06		996.95	996.95		
Nathan Brenson Hill Fund.....	5,084.91	12.50		5,097.41		136.46	136.46		
Joseph E. Gillingham Fund.....	41,246.56		397.46	40,849.10		1,966.40	1,296.40	670.00 Scholarships	
Henry Norris Fund.....	5,726.60		55.18	5,671.42		273.01	273.01		
Elizabeth H. Farnum Fund.....	9,624.66			9,624.66		313.91	313.91		
James R. Magee Fund.....	42,973.91		414.10	42,559.81		2,048.75	2,048.75		
Albert K. Smiley Fund.....	1,459.37		14.06	1,445.31		69.57	69.57		
Hinchman Astronomical Fund.....	38,445.30		370.46	38,074.84		1,832.85	1,832.85	216.42 Books	
W. D. & E. M. L. Scull Fund.....	169,832.77		1,636.53	168,196.24	275.00	8,096.66	7,315.24	340.00 Rent	500.00 Reserved for Books
Albin Gerratt Memorial Fund.....	26,045.98		250.98	25,795.00		1,241.72	1,241.72		
Arnold Chase Scattergood Fund.....	23,721.27		228.58	23,492.69		1,130.90	1,130.90		
Francis B. Gummere Memorial Fund.....	122,168.77		1,177.23	120,991.54		5,824.31	5,824.31		
Issac Sharpless Memorial Fund.....	212,804.72		2,050.61	210,754.11		10,145.32	10,145.32		
General Education Fund.....	122,662.35		1,181.99	121,480.36		5,847.84	5,847.84		
Centenary Fund.....	233.31		2.25	231.06		11.12	11.12		
William Penn Foundation.....	99,303.19		956.90	98,346.29		4,734.21	4,734.21		
Walter Carroll Brinton Memorial Fund.....	13,743.23		132.43	13,610.80		655.20	655.20		
Corporation Fund.....	77,843.13		750.11	77,093.02		3,711.12	3,711.12		
Elizabeth J. Shortridge Fund.....	9,729.18		93.75	9,635.43		463.83	463.83		
Howard Comfort Memorial Fund.....	4,891.15		47.13	4,844.02		233.18	233.18		
Emma Ridgway Comly Fund.....	48,633.71		468.64	48,165.07		2,318.58	2,318.58		
Ellen W. Longstreth Fund									
In Consolidated a/c.....	98,579.53	786.72	972.50	98,393.75		4,863.49	4,563.49	300.00 Books	
E. W. Longstreth Agency a/c.....	1,557.30	20.74		1,578.04					
Mary Pearsall Agency a/c.....	6,841.59	6.65	619.92	6,228.32					
Albert L. Bailey Fund.....	4,864.59		46.88	4,817.71		231.92	231.92		
Elizabeth B. Wister Warner Fund.....	4,815.95		46.41	4,769.54		229.60	229.60		
T. Allen Hilles Bequest.....	273,160.51		2,632.21	270,528.30		13,022.75	13,022.75		
Leonard L. Greif, Jr. & Roger L. Greif Fund.....	972.92		9.38	963.54		46.38	46.38		
Edward M. Wister Fund.....	2,432.30		23.44	2,408.86		115.96	115.96		
Morris E. Leeds Fund.....	39,812.16		383.64	39,428.52		1,898.02	1,898.02		
J. Henry Scattergood Fund.....	1,655.36		15.95	1,639.41	- 31.51	78.92	17.41	30.00 Lecture	
	\$3,290,534.54			\$3,256,376.96					
<u>Fund for Wister Brown Graduate School</u>									
Moses Brown Fund.....	342,756.69	1,634.07	3,302.86	341,087.90		16,340.70	13,806.63	800.00 Scholarships 100.00 Appropriations 1,634.07 Capitalized	
<u>Funds for Morris Infirmary</u>									
Infirmary Endowment Fund.....	9,392.00		90.50	9,301.50		447.76	447.76		
John W. Pinkham Fund.....	4,922.48		47.43	4,875.05		234.68	234.68		
	14,314.48			14,176.55					
<u>Fund for Haverford Union</u>									
Haverford Union Fund.....	1,827.94		17.61	1,810.33		87.15	87.15		
<u>Funds for Scholarships</u>									
Thomas P. Cope Fund.....	5,115.42				196.65	243.87		410.00 Scholarships	30.52
Edward Yarnell Fund.....	5,904.86		49.29	5,066.13		200.24		125.00 Scholarships	356.75
Iseleh V. Williamson Fund.....	19,280.69		56.90	5,847.96		281.51		1,076.65 Scholarships	313.19
Richard T. Jones Scholarship Fund.....	4,919.32		185.79	19,094.90		470.65		175.00 Scholarships	162.62
Mary M. Johnson Scholarship Fund.....	6,823.67		47.40	4,871.92		103.09		300.00 Scholarships	120.32
Sarah Marshall Scholarship Fund.....	7,705.27		65.75	6,757.92		325.31		300.00 Scholarships	174.97
			74.25	7,631.02	107.63	367.34			
Forward.....	\$49,749.23	\$3,649,433.65	\$2,461.88	\$49,269.85	\$3,613,451.74	\$1,416.76	\$175,812.44	\$161,481.19	\$1,058.37

	PRINCIPAL				INCOME						
	Book Value 9/1/42		Increased	Decreased	Book Value 8/31/43	Balance 9/1/42	Net Income	Expended for General Purposes	Expended for Special Purposes	Balance 8/31/43	
Forward.....	\$49,749.23	\$3,649,433.65	\$2,461.88	\$38,923.17	\$49,269.85	\$3,613,451.74	\$1,416.76	\$175,812.44	\$161,481.19	\$14,089.64	\$1,658.37
<u>Funds for Scholarships (continued)</u>											
Clementine Cope Fellowship Fund.....	22,227.14			214.18	22,012.96		1,380.08		900.00 Scholarships		1,539.74
Isaac Thorne Johnson Scholarship Fund.....	7,810.03		72.34	75.26	7,807.11				72.34 Capitalized		
Casper Wister Memorial Fund.....	2,871.28			27.67	2,843.61				300.00 Scholarships		
J. Kennedy Moorhouse Scholarship Fund.....	5,016.22			46.34	4,969.88		136.18		100.00 Scholarships		173.07
Louis Jequette Palmer Scholarship Fund.....	4,864.59			46.88	4,817.71		43.77		225.00 Scholarships		57.91
Paul W. Newhall Memorial Scholarship Fund.....	4,908.95			47.30	4,861.65		49.52		225.00 Scholarships		56.44
Robert Martin Zuckert Memorial Scholarship Fund..	14,957.79			144.14	14,813.65		47.19		125.00 Scholarships		156.22
Samuel E. Hilles Scholarship Fund.....	4,881.43			47.04	4,834.39		300.07		600.00 Scholarships		413.17
Class of 1913 Scholarship Fund.....	2,918.75			26.13	2,892.62		65.02		175.00 Scholarships		122.74
Class of 1917 Scholarship Fund.....	1,998.87		378.58	20.10	2,357.35		42.87		95.00 Scholarships		87.02
							16.63		116.08 Capitalized		
Augustus Taber Murray Research Scholarship Fund..		122,204.28				121,476.78					
		21,360.00	66.84	512.50		20,914.34	- 483.20	952.16	980.00 Annuity		- 511.04
<u>Funds for the Library</u>											
Alumni Library Fund.....	16,962.88			163.46	16,799.42			808.69			
Mary Fernum Brown Library Fund.....	64,657.53		386.81	623.05	64,421.29			3,082.50	2,695.69 Books		
William H. Jenks Library Fund.....	4,864.59			46.88	4,817.71				386.81 Capitalized		
Mary Wister Brown Williams Library Fund.....	19,756.78			190.38	19,566.40		48.25	231.92	119.02 Books		161.15
Anne Yernall Fund							1,226.50	941.89	205.86 Books		1,962.53
In Consolidated a/c.....	166,621.08		449.31	1,609.58	165,460.81						
Agency a/c.....	1,804.25				1,804.25			8,353.01	6,463.45	1,889.56 Books	
F. B. Gummere Library Fund.....	618.26			5.96	612.30						
Edmund Morris Ferguson, Jr. Memorial Fund.....	975.20			9.40	965.80	6.14	29.48		2.01 Books		33.61
Class of 1888 Library Fund.....	5,594.93			53.91	5,541.02	8.57	46.49		33.55 Books		21.51
Class of 1918 Library Fund.....	1,219.58			11.75	1,207.83	55.63	266.73		.42 Books		321.94
		283,075.08				281,196.83	22.11	58.14			80.25
<u>Funds for Old Style Pensions</u>											
President Sharpless Fund.....	40,120.27			386.60	39,733.67						
Wm. P. Henzley Fund.....	35,763.15			344.62	35,418.53		1,912.71	1,912.71			
Jacob P. Jones Benefit Fund.....	66,269.08			638.58	65,630.50		1,704.98	1,704.98			
Pliny Earle Chase Memorial Fund.....	3,183.61			30.68	3,152.93		3,159.33	3,159.33			
Haverford College Pension Fund.....	109,006.38			1,050.40	107,955.98		151.78	151.78			
		254,342.49				251,891.61	5,196.81	5,196.81			
<u>Funds for Special Purposes</u>											
Thomas Shipley Fund.....	5,105.88		49.20	5,056.68			769.76	243.42	215.88 Lectures		797.30
Elliston P. Morris Fund.....	1,096.24			10.56	1,085.68		122.47	52.26	137.10 Books		37.63
John B. Gerrett Reading Prize Fund.....	2,210.70			21.30	2,189.40		145.87	105.39			251.26
Special Endowment Fund.....	8,977.18			86.51	8,890.67		893.06	427.98	25.00 Fr. Co. on Educ.		
Scholarship Improvement Prize Fund.....	2,234.67			21.53	2,213.14		73.67	106.54	200.00 Rel. Educ. Com.		1,096.04
Elizabeth P. Smith Fund.....	1,696.83			16.35	1,680.48		80.16	80.90	95.00 Prizes		85.21
S. P. Lippincott History Prize Fund.....	2,477.90			23.88	2,454.02		72.28	118.13			161.06
Francis Stokes Fund.....	4,981.63			48.00	4,933.63		426.92	237.50	16.06 Books		174.35
George Peirce Prize Fund.....	2,069.66	48.67		19.94	2,098.39			98.67	56.15 Campus Club		608.27
Lyman Beecher Hall Prize Fund.....	2,096.63			20.20	2,076.43				48.67 Capitalized		
Newton Prize Fund.....	1,359.89			13.10	1,346.79	188.66	99.96		50.00 Prizes		188.62
Edward B. Conklin Athletic Fund.....	2,335.01			22.50	2,312.51	27.24	64.83		100.00 Prizes		37.84
Arboretum Fund.....	4,463.50			43.01	4,420.49				4.23 Books		
William Ellis Soull Prize Fund.....	1,945.84			18.75	1,927.09			111.32	50.00 Prize		
Paul D. I. Meier Fund.....	972.92			9.38	963.54	431.16	212.79				643.95
Strewbridge Observatory Maintenance Fund.....	3,735.55			36.00	3,699.55	58.73	92.77				151.50
Jacob & Eugenie Bucky Memorial Foundation.....	2,012.67		95.95	19.39	2,089.23		46.38	26.38	20.00 Prizes		
Mathematics Department Prize Fund.....	0	909.14		1.85	907.29	247.58	178.09	76.30			349.37
							95.95		95.95 Capitalized		
		49,772.70				50,345.01		9.14	9.14 Capitalized		
	\$4,380,188.20	\$4,869.52	\$45,781.41		\$4,339,276.31	\$7,919.65	\$208,549.48	\$181,092.94	\$24,459.16		\$10,917.03

# HAVERFORD COLLEGE

## SUMMARY OF THE FUNDS

	Book Value September 1, 1942	Increased	Decreased	Book Value September 1, 1943
<b>Funds for General Purposes</b>				
Fund for T. Wistar Brown Graduate Scholarship	\$ 3,290,534.54	\$ 827.81	\$ 34,985.39	\$ 3,256,376.96
Funds for Morris Infirmary	342,756.69	1,634.07	3,302.86	341,087.90
Fund for Haverford Union	14,314.48		137.95	14,176.55
Funds for Scholarships	1,827.94		17.61	1,810.33
Funds for Library	143,564.28	517.76	1,690.92	142,391.12
Funds for Old Style Pensions	283,075.08	836.12	2,714.37	281,196.83
Funds for Special Purposes	254,342.49		2,450.88	251,891.61
	49,772.70	1,053.76	481.45	50,345.01
<b>Total of ALL Funds</b>	\$ 4,380,188.20	\$ 4,869.52	\$ 45,781.41	\$ 4,339,276.31

## SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS

<b>Consolidated Account</b>	\$ 4,295,695.94	\$ 19,126.21	\$ 55,787.78	\$ 4,259,034.37
<b>Non-Consolidated Accounts:-</b>				
John Fernum Memorial Fund	38,219.55	1.20	3,225.83	34,994.92
Nathan Branson Hill Fund				
(In care of First National Bank & Trust Co., Minneapolis, Minn.)	5,084.91	12.50		5,097.41
Elizabeth Fernum Fund				
(Provident Trust Co., Trustee)	9,624.66			9,624.66
(Ellen W. Longstreth Agency Account)	1,557.30	20.74		1,578.04
(Mary Pearsall Agency Account)	6,841.59	6.65	619.92	6,228.32
Both of the above accounts are part of the E. W. Longstreth Fund				
Augustus Taber Murray Research Scholarship Fund	21,360.00	66.84	512.50	20,914.34
Anna Yarnall Fund - Anna Yarnall Agency Account	1,604.25			1,604.25

The Book Value decreased \$40,894.39 as follows:-

Loss on Securities sold	\$ 42,934.49
Loss on Securities called	841.16
Loss on Securities exchanged	607.50
Loss on Securities written off	.50
Loss on Real Estate parcels sold	15,121.72
<b>LESS:</b>	59,505.37
Donations to Funds	1,778.61
Income Transferred to Principal	2,380.56
Gains on Securities Sold	13,265.24
Gains on Securities Called	14,451.81
	\$ 40,894.39



# HAVERFORD COLLEGE

## CLASSIFICATION OF INVESTMENTS

8th Mo. 31, 1943

	Book Value Consolidated & Non-Consolidated Accounts (Total)	%	Market Value Consolidated & Non-Consolidated Accounts (Total)	%
<u>BONDS</u>				
Government				
United States	\$ 5,341.31		\$ 5,321.99	
Other	52,299.21		32,408.13	
Municipal	13,507.50		10,330.00	
Industrial	48,029.69		35,167.00	
Public Utility	168,713.24		174,571.25	
Railroad	907,732.76		914,886.25	
Equipment Trust	0		0	
Miscellaneous	22,969.50	28.06	19,390.00	28.22
	1,218,333.21		1,192,074.62	
<u>PREFERRED STOCKS</u>				
Industrial	123,206.13		129,340.00	
Public Utility	268,546.28		275,965.50	
Railroad	59,684.49		65,029.15	
Miscellaneous	0	10.42	320.00	11.09
	451,437.40		468,654.65	
<u>COMMON STOCKS</u>				
Banks & Insurance	311,608.90		285,917.63	
Industrial	438,122.71		445,362.75	
Public Utility	116,947.87		83,530.75	
Railroad	96,010.66		45,498.13	
Miscellaneous	9,538.98	22.44	6,753.00	20.53
	972,229.12		867,062.26	
<u>MORTGAGES</u>	477,048.05	11.00	477,048.05	11.30
<u>REAL ESTATE</u>	748,967.39	17.25	748,967.39	17.74
<u>MISCELLANEOUS</u>	255,147.73	5.87	255,147.73	6.01
	216,053.41	4.96	216,053.41	5.11
<u>CASH - due to Funds from Corporation at 4% interest</u>	\$ 4,339,276.31	100.00%	4,225,008.11	100.00%

NOTE: There are \$69,000 Public Utility bonds not included in the above figures, being holding in C. Wharton Stork Art Gift Fund, which is not included in the Funds. This Fund also has an overdraft in Principal cash of \$45,800.00.

INCOME RETURN The net income return after allowing commission to our fiscal agent was 4.79% on book value at the end of the year.

# HAVERFORD COLLEGE

## ROY A. WRIGHT & COMPANY

CERTIFIED PUBLIC ACCOUNTANTS

1530 CHESTNUT STREET

PHILADELPHIA, PA.

ROY A. WRIGHT, C. P. A.

GEORGE W. MINOK

P. J. VAN BILLIARD

RITTENHOUSE 3827

October 15, 1943

Board of Managers  
The Corporation of Haverford College  
Haverford, Pennsylvania

Dear Sirs:

We have completed an examination of the accounts of your Treasurer, J. Henry Scattergood, for the fiscal year ended August 31, 1943.

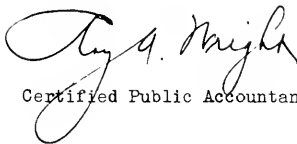
The Cash Balances were verified by direct correspondence with your depository. The securities in the keeping of the Provident Trust Company of Philadelphia were examined by us, while those held by the Girard Trust Company and the First National Bank & Trust Company of Minneapolis, Minnesota, were certified to us by them, and found to be in accordance with the Treasurer's report.

The Treasurer's report for the year was examined and compared with the books of account and found to agree herewith.

The Comptroller's Accounts have been audited monthly during the year.

In our opinion, the Treasurer's report sets forth the result of operation of The Corporation of Haverford College for the fiscal year ended August 31, 1943.

Very truly yours,



Certified Public Accountant

# HAVERFORD COLLEGE

## DONATIONS FOR ADDITIONS TO FUNDS

### CLASS OF 1917 SCHOLARSHIP FUND

Through Dr. John W. Spaeth, Jr.

From Lt. Henry W. Hill.....	\$	5.00	
Dr. Donald Chandler.....		20.00	
Edmund T. Price.....		75.00	
Loring Dam.....		80.00	
William H. Chamberlin.....		5.00	
Joseph W. Greene, Jr. ....		10.00	
M. Alexander Laverty.....		10.00	
Newlin F. Paxon.....		25.00	
E. Roland Snader, Jr. ....		20.00	
John W. Spaeth, Jr. ....		<u>12.50</u>	\$ 262.50

### MATHEMATICS DEPARTMENT PRIZE FUND (new)

From Prof. Legh W. Reid.....	500.00	
Prof. C. O. Oakley.....	100.00	
Dr. Felix Morley.....	50.00	
Christopher Morley.....	50.00	
Prof. C. B. Allendoerfer.....	<u>200.00</u>	900.00

### ELLEN W. LONGSTRETH FUND

Further realization on legacy..... 449.31

### ANNA YARNALL FUND

Further realization on legacy..... 166.80      \$ 1,778.61

# HAVERFORD COLLEGE

## DONATIONS FOR CURRENT PURPOSES

### FOR PRIZES

Class of 1902 for Latin Prize		
from A. C. Wood, Jr. ....	\$ 40.00	
Class of 1910 Poetry Prizes		
from Harrison S. Hires.....	<u>100.00</u>	\$ 140.00

### FOR LIBRARY

Matzke Royalties.....	58.37	
Miscellaneous Library Gifts.....	76.60	
Friend of the Library - Anonymous.....	<u>750.00</u>	884.97

### FOR MUSIC AND ART

Carnegie Corporation of New York.....	8,000.00	
Other Receipts.....	<u>103.21</u>	8,103.21

### FOR SCHOLARSHIPS

New England Alumni through Weston Howland.....	300.00	
Isaac Sharpless Scholarships from Alumni Association....	500.00	
Alvord Foundation.....	700.00	
Walter Hollander (return of Corporation Scholarship)....	150.00	
Boyertown Public School.....	50.00	
Anonymous - for 1943-44.....	46.00	
S. Guggenheim Foundation.....	200.00	
American Friends Service Committee.....	600.00	
U. S. Bureau of Education.....	500.00	
Anonymous.....	1,100.00	
Anonymous for Summer Term Scholarships.....	1,500.00	
Anonymous for Special Scholarships.....	2,000.00	
Edward Woolman.....	<u>60.00</u>	7,706.00

### FOR TRAVEL EXPENSE FIFTIETH CLASS REUNION

Edward Woolman.....		40.00
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### FOR CAMPUS CLUB

Prof. & Mrs. C. B. Allendoerfer.....	2.00	
Howard A. Andrews.....	1.00	
Dr. & Mrs. James A. Babbitt.....	5.00	
Wilfred Bancroft.....	5.00	
T. Ellis Barnes.....	5.00	
Mrs. Richard L. Barrows.....	1.00	
Mrs. Charles G. Berwind.....	20.00	
Daniel B. Boyer.....	2.00	
Samuel Thatcher Brinton.....	1.00	
Prof. & Mrs. William E. Cadbury, Jr. ....	2.00	
Mr. & Mrs. Francis F. Campbell.....	<u>2.00</u>	
Forward.....	46.00	16,874.18

# HAVERFORD COLLEGE

Forward..... \$ 46.00      \$ 16,874.18

## FOR CAMPUS CLUB (continued)

Mrs. Julia Cope Collins.....	2.50
Aubrey C. Dickson, Jr. ....	2.00
H. A. Dominovich.....	1.00
Henry S. Drinker, Jr. ....	5.00
Mrs. Sydney B. Dunn.....	20.00
Charles Evans.....	5.00
Edward W. Evans.....	2.00
William T. Ferris.....	5.00
Prof. & Mrs. H. V. Gummere.....	2.00
Gladys B. Gummere (Mrs. John F.).....	1.00
John F. Gummere.....	1.00
Richard M. Gummere.....	1.00
Prof. & Mrs. A. W. Haddleton.....	2.00
Prof. & Mrs. Theodore B. Hetzel.....	5.00
Prof. & Mrs. Clayton W. Holmes.....	1.00
Lewis Jones.....	5.00
Prof. & Mrs. Rufus M. Jones.....	5.00
Wilmot R. Jones.....	2.00
Prof. John A. Kelly.....	5.00
Mrs. Reynier W. Kelsey.....	2.00
C. P. Knight, Jr. ....	1.00
Morris E. Leeds.....	25.00
M. A. Linton.....	5.00
M. A. Linton, Jr. ....	2.00
John C. Lober.....	5.00
George B. Methues.....	1.00
Prof. & Mrs. W. B. Meldrum.....	2.00
Robert E. Miller.....	2.00
Walter L. Moore.....	1.00
President & Mrs. Felix Morley.....	3.00
C. C. Morris.....	10.00
Merriott C. Morris.....	5.00
Prof. & Mrs. Frederic Palmer.....	2.00
Dr. Thomas Parke.....	2.00
Prof. & Mrs. Harry W. Pfund.....	2.00
Mr. & Mrs. G. R. Rebmman.....	10.00
Charles S. Ristine.....	2.00
Prof. & Mrs. L. H. Rittenhouse.....	2.00
Miss Lilian A. Ross.....	1.00
Prof. & Mrs. Ralph M. Sargent.....	5.00
A. G. Scattergood.....	5.00
J. Henry Scattergood.....	5.00
Dr. F. C. Sharpless.....	5.00
A. K. Smiley.....	5.00
Mr. & Mrs. Albert K. Smiley, Jr. ....	2.00
Mrs. A. K. Smiley (Mabel C.).....	5.00
Daniel Smiley, Jr. ....	10.00
Jonathan M. Steere.....	10.00
Abram G. Tatnall.....	2.00
Mr. & Mrs. Francis R. Taylor.....	2.00
Hubert R. Taylor.....	1.00
Mrs. E. O. Warner.....	1.00
Mrs. Henry S. Williams.....	2.00
Alexander J. Williamson.....	2.00
Mr. & Mrs. W. M. Wills.....	2.00

Forward..... 267.50      16,874.18

# HAVERFORD COLLEGE

Forward.....	\$ 267.50	\$ 16,874.18
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FOR CAMPUS CLUB (continued)

Prof. & Mrs. A. H. Wilson.....	5.00	
Thomas Wistar.....	1.00	
William F. Wolff.....	1.00	
Mr. & Mrs. Edward Woolman.....	10.00	
Gifford K. Wright.....	5.00	
Sale of Trees.....	<u>197.00</u>	486.50

FOR CARE OF COPE FIELD

Through Alfred G. Scattergood.....		45.00
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FOR ROBERTS HALL ELECTRICAL IMPROVEMENTS

Cap & Bells Society.....		236.45
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FOR ENGINEERING EQUIPMENT

William A. Battey.....		150.00
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FOR FIELD HOUSE FUND

(Temporarily invested in U. S. Bonds)

Student Association.....	74.00	
Dr. Felix Morley.....	50.00	
Max Elmen.....	1.00	
C. E. Hires, Jr. ....	25.00	
Seth T. Shepard.....	5.00	
Dr. James A. Babbitt.....	50.00	
S. J. Gummere.....	10.00	
R. J. Johnston.....	10.00	
William J. Barnes & Family.....	50.00	
Dr. H. K. Ensworth.....	5.00	
Haverford New England Society.....	76.00	
Class of 1943.....	107.37	
A. W. Haddleton.....	2.25	
Jared S. Brown.....	2.50	
John A. Kelly.....	10.00	
Class of 1904		
P. D. Folwell.....	74.00	
W. M. Wills.....	74.00	
Bernard Lester.....	74.00	
C. C. Morris.....	<u>100.00</u>	322.00
Frank W. Fetter.....	1.50	
Rev. George B. Edgar.....	1.50	
Bruce Harley.....	5.00	
Roy S. Vogt.....	50.00	
Class of 1944		
Through S. E. Stokes, Jr., Treasurer.....	<u>74.00</u>	<u>932.12</u>

Forward.....		18,724.25
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# HAVERFORD COLLEGE

Forward.....		\$ 18,724.25
<u>FOR GUMMERE-MORLEY ROOM IN NEW LIBRARY</u>		
Class of 1892 from W. Nelson L. West.....		228.94
<u>FOR MAINTENANCE GOVERNMENT &amp; LANGUAGE HOUSES</u>		
Robert C. Atmore.....	5.00	
G. Cheston Carey.....	100.00	
Gifford K. Wright.....	<u>10.00</u>	115.00
<u>FOR INAUGURATION OF GOVERNMENT HOUSE</u>		
National Foundation for Education.....		350.00
<u>FOR LECTURE</u>		
Anonymous.....		100.00
<u>FOR SALARIES</u>		
Prof. D. V. Steere.....	300.00	
Alumni Association.....	<u>768.25</u>	1,068.25
<u>FOR SUMMER TERM SALARY</u>		
Anonymous.....		260.00
<u>FOR HAVERFORD REVIEW</u>		
Alumni Association.....		171.50
<u>FOR EDUCATIONAL MISCELLANEOUS</u>		
National Foundation for Education.....		50.00
<u>FOR PRIZE ESSAY</u>		
National Foundation for Education.....		100.00
<u>FOR PRE-METEOROLOGY AWARD</u>		
Anonymous.....		25.00
<u>FOR PURPOSE NOT YET DESIGNATED</u>		
Class of 1934 (Invested temporarily in U. S. Bonds).....	448.41	
Morris E. Leeds.....	<u>2,000.00</u>	<u>2,448.41</u>
Forward.....		23,641.35

# HAVERFORD COLLEGE

Forward..... \$ 23,641.35

## SPECIAL GIFT FOR GENERAL PURPOSES

From an old friend of the College..... 200.00

## FOR RECONSTRUCTION AND RELIEF

Henry Janssen Foundation.....	150.00	
Wyomissing Foundation.....	<u>150.00</u>	300.00

## FOR RADIO CLUB

Interest Added..... 61.60

## FOR DEFICIT ON COLLECTION SPEAKERS

From Educational Miscellaneous Account..... 33.23

## FOR LIBRARY NEW STACK ADDITION

Class of 1912 through Herbert M. Lowry		
A. L. Bailey.....	25.00	
E. G. Brinton.....	10.00	
J. A. Cope.....	20.00	
J. B. Elfreth.....	10.00	
D. P. Falconer.....	15.00	
L. W. Ferris.....	5.00	
Hans Froelicher.....	5.00	
R. A. Garner.....	10.00	
W. F. Graham.....	15.00	
J. B. Hill.....	3.00	
H. M. Lowry.....	7.00	
R. E. Miller.....	10.00	
S. S. Morris.....	10.00	
D. C. Murray.....	5.00	
I. C. Poley.....	25.00	
L. C. Ritts.....	25.00	
W. H. Roberts, Jr. ....	10.00	
T. E. Shipley.....	10.00	
L. M. Smith.....	10.00	
S. B. Sturgis.....	25.00	
H. M. Thomas.....	20.00	
Edward Wallerstein.....	15.00	
C. H. Wetzel.....	10.00	
Additional Gift from General Fund.....	<u>25.00</u>	325.00
Class of 1927 through John C. Lober		
Addison Allen.....	5.00	
Samuel Armstrong.....	12.64	
M. Ward Bayles.....	5.00	
Tech. Sgt. Harold E. Bates.....	10.00	
Charles A. Clement.....	3.00	
Rabbi Samuel Cook.....	8.00	
Daniel Cox.....	<u>26.00</u>	
Forward.....	69.64	325.00
		24,236.18



# HAVERFORD COLLEGE

Forward..... \$ 69.64      \$ 325.00      \$ 24,236.18

## FOR LIBRARY NEW STACK ADDITION (continued)

Class of 1927

Natt M. Emery, Jr. ....	10.00		
Allen B. Fay.....	6.00		
Albert V. Fowler.....	1.00		
John C. Heller.....	5.50		
Stewart Hoskins.....	10.00		
John C. Lober.....	24.00		
Lt. Paul W. Ohl.....	5.00		
Chester Olinger.....	25.00		
Allen G. Powell.....	8.00		
Watson Scarborough.....	10.00		
Arthur Silver.....	20.00		
W. Foster Webster.....	<u>25.00</u>	219.14	
Class of 1935 through John B. Rhoads,.....		250.00	
Walter C. Janney.....		2,500.00	
Dr. Felix Morley.....		14.45	
Dr. Leopold Szerlip.....		<u>100.00</u>	3,408.59

## TRIANGLE SOCIETY GIFT

Realized from stock donated.....	11,025.23	
Dividends on stock donated.....	<u>630.00</u>	11,655.23

## SPECIAL DONATION FOR SALARY

James P. Magill.....	<u>100.00</u>
	\$ 39,400.00

# HAVERFORD COLLEGE

## REPORT OF

### HAVERFORD COLLEGE LOAN FUND

Established 1926

Report No. 17

August 31, 1943.

#### Current Year 1942-43

Cash Balance on hand, August 31, 1942.....	\$	7,342.80
16 Loans repaid during year.....		2,699.01
22 part payments on loans during year.....		1,738.68
Interest received during year.....		620.55
5% Dividend received from Merion Title & Trust Company.....		42.06
Balance in Merion Title & Trust Company.....		<u>630.88</u>

\$ 13,073.98

25 loans made during year.....	\$	4,160.00
2 Repayments to Corporation.....		5,000.00
Funds in Merion Title & Trust Company.....		<u>630.88</u>
		9,790.88

Cash balance on hand August 31, 1943.....		3,283.10
87 loans outstanding August 31, 1943.....		22,888.65
Interest outstanding August 31, 1943.....		<u>579.85</u>

Total resources, August 31, 1943..... \$ 26,751.60

#### Total to August 31, 1943

Appropriations from Jacob P. Jones Endowment Fund.....		20,812.04
1st Donation from Class of 1911.....		641.30
2nd Donation from Class of 1911.....		137.90
3rd Donation from Class of 1911.....		28.85
Donation from Class of 1929.....		350.27
Donation from A. R. Katz.....		500.00
Donation from Class of 1927.....		900.00
Donation from Class of 1908.....		1,507.96
Gift from C. C. Morris.....		50.00
Gift from John Charles.....		300.00
Gift, Anonymous.....		500.00
Gift, Anonymous.....		2,000.00
Gift, Haverford Society of Maryland.....		100.00
Gift, Dr. H. S. Arthur.....		300.00
271 loans repaid.....		37,891.83
351 part payments on loans.....		13,330.27
Interest paid up.....		11,384.02
Payments from Merion Title and Trust Co. - 2/28/33....	\$	42.06
1/4/38.....		84.12
12/31/40....		42.06
7/22/43....		<u>42.06</u>
		210.30

Total receipts \$ 90,944.74

Repayments to Corporation.....	\$	11,000.00
Repayments of Donations.....		1,708.05
Original funds in Merion Title and Trust Co.....		841.18
Check Tax.....		1.66
Loans made.....		<u>74,110.75</u>
		87,661.64

Cash balance August 31, 1943.....		3,283.10
Outstanding interest to August 31, 1943.....		579.85
Outstanding loans to August 31, 1943.....		<u>22,888.65</u>

Total resources, August 31, 1943..... \$ 26,751.60

## ENDOWMENT FUNDS

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### FUNDS FOR GENERAL PURPOSES

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#### GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300. Present book value, \$93,753.86. The income is used for salaries and scholarships.

#### JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present book value, \$34,994.92. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

#### JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,252.18. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

#### DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$43,173.04. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

#### EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$10,950.03. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

#### WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present book value, \$4,956.69. There are no restrictions. The income is used for general college purposes.

#### ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,388.86. The income only is to be used for the payment of professors or teachers.

## HAVERFORD COLLEGE

### JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,253,930.25. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,500 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

### JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$265,841.10. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

### ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present book value, \$10,711.80. There are no restrictions. The income is used for general college purposes.

### CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present book value, \$20,710.06. There are no restrictions. The income is used for general college purposes.

### NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized \$5,039. Present book value, \$5,097.41.

### JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present book value, \$40,849.10. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

## HAVERFORD COLLEGE

### HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,671.42. There are no restrictions. The income is used for general college purposes.

### ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present book value, \$9,624.66. There are no restrictions to the use of the income, and same is applied to general college purposes.

### JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, and 1940 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250 and \$100 under his legacy. Present book value, \$42,559.81. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

### ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,445.31. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

### THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$38,074.84. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

### WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the principal of the fund. Present book value, \$168,196.24. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

### ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$25,795.00. There are no restrictions. The income is used for general college purposes.

### ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present book value, \$23,492.69. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the

## HAVERFORD COLLEGE

future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

### FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$120,991.54.

### ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$210,754.11.

### GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$121,480.36.

### HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

## HAVERFORD COLLEGE

### CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, \$7,700 in 1937-1938, \$2,150 in 1938-1939, and \$15 in 1939-1940 bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$145,947.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, \$7,700 was applied to the operating year 1937-1938, and \$2,150 to that of 1938-1939, \$15.00 to that of 1939-1940, and \$11.34 for 1940-1941.

There remains one investment in this fund not yet realized upon with a book value of \$231.06.

### WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$98,346.29.

### WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$13,610.80.

### CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. Present book value, \$77,093.02. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

### ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$9,635.43.

## HAVERFORD COLLEGE

### HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present book value, \$4,844.02.

### EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$48,165.07.

### ELLEN W. LONGSTRETH FUND

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and \$84,416.28 in 1935-1936, \$3,338.69 in 1936-1937, and \$73.33 in 1938 from the residuary estate have been received, making \$107,828.30 in all. There are some parcels of real estate not yet liquidated, which will somewhat increase this fund. The income is used for general purposes. Present book value, \$106,200.11.

### ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$4,817.71.

### ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value, \$4,769.54.

### T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of-1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$270,528.30.

### LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Present book value, \$963.54.



## **HAVERFORD COLLEGE**

### **EDWARD M. WISTAR FUND**

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar. '72. for endowment, the income only to be used for general purposes. Present book value, \$2,408.86.

### **MORRIS E. LEEDS FUND**

Founded Sixth Month 26, 1941, by gift of 400 Participating Shares of Leeds and Northrup Stock Trust. The fund is unrestricted as to principal and interest, but was ordered by the Managers, until otherwise directed, to be included among the funds for General Purposes, the income only to be used. Present book value, \$39,428.52. This fund is subject to an annuity of \$1600, during the life of its donor.

### **J. HENRY SCATTERGOOD FUND**

Founded Tenth Month, 1941, by donations totalling \$1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College.

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College. Present book value, \$1,639.41.

### **FUND FOR GRADUATE SCHOOL**

#### **MOSES BROWN FUND**

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$341,087.90. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendel Hill, a school for religious education under the care of Friends, located at Wallingford, Pa.

### **FUNDS FOR INFIRMARY**

#### **INFIRMARY ENDOWMENT FUND**

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present book value, \$9,301.50. The income is used toward the expenses of the Morris Infirmary.

#### **JOHN W. PINKHAM FUND**

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present book value, \$4,875.05. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

## **HAVERFORD COLLEGE**

### **FUND FOR HAVERFORD UNION**

#### **HAVERFORD UNION FUND**

Founded in 1920 by gift of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,810.33.

### **FUNDS FOR SCHOLARSHIPS**

#### **THOMAS P. COPE FUND**

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,066.13. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

#### **EDWARD YARNALL FUND**

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$5,847.96. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

#### **ISAIAH V. WILLIAMSON FUND**

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,094.90. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

#### **RICHARD T. JONES SCHOLARSHIP FUND**

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present book value, \$4,871.92. The income only to be used to sustain the "Richard T. Jones Scholarship."

#### **MARY M. JOHNSON SCHOLARSHIP FUND**

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present book value, \$6,757.92. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

#### **SARAH MARSHALL SCHOLARSHIP FUND**

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present book value, \$7,631.02. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

#### **CLEMENTINE COPE FELLOWSHIP FUND**

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present book value \$22,012.96. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

#### **ISAAC THORNE JOHNSON SCHOLARSHIP FUND**

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present

## HAVERFORD COLLEGE

book value, \$7,807.11. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

### CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$2,843.61.

### J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$4,967.88.

### LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Present book value, \$4,817.71.

### PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$4,861.65.

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### ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750, \$2,000 each year 1936 to 1940, and in 1942, and \$2,500 in 1941, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for a scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$14,813.65.

### SAMUEL E. HILLES ENDOWMENT CREATED BY MINA COLBURN HILLES

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$4,834.39.

### CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value \$2,890.62.

### THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939 by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value \$20,914.34.

### THE CLASS OF 1917 SCHOLARSHIP FUND (New This Year)

Founded Seventh Month 13, 1942 by initial gift of \$2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of \$250.00 was made at the same time to cover the first two years of a scholarship of \$125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of \$150.00 per annum. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of \$2,000.00, so that the annual scholarship stipend shall be \$150.00, or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 is already provided for by the additional \$250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years may be added at once to the principal sum of \$2,000.00, thus serving the purpose of (2) above. Present book value, \$2,357.35.

## HAVERFORD COLLEGE

### FUNDS FOR THE LIBRARY

#### ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$16,799.42. The income is used for binding and miscellaneous expenses of the Library.

#### MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$64,421.29. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

#### WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present book value, \$4,817.71. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

#### MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present book value, \$19,566.40. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

#### ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$167,265.06. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

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### F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$612.30.

### EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$965.80.

### CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. In 1939-1940, additional donation of \$500 was made. The present book value is \$5,541.02.

### CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,207.83.

## FUNDS FOR PENSIONS

### PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$39,733.67. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

## **HAVERFORD COLLEGE**

### **WILLIAM P. HENSZEY FUND**

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$35,418.53. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### **JACOB P. JONES BENEFIT FUND**

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$65,630.50. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### **PLINY EARLE CHASE MEMORIAL FUND**

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. Present book value, \$3,152.93. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### **HAVERFORD COLLEGE PENSION FUND**

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$107,955.98. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

## **FUNDS FOR SPECIAL PURPOSES**

### **THOMAS SHIPLEY FUND**

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,056.68. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

### **ELLISTON P. MORRIS FUND**

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present book value, \$1,085.68. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace.

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### JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value \$2,189.40.

### SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present book value, \$8,890.67. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

### SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,213.14. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

### ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,680.48. The income only to be used as a prize for the best essays on Peace written by students of the College.

### S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. Present book value, \$2,454.02. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

### FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present book value, \$4,933.63. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.



## HAVERFORD COLLEGE

### GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value \$2,098.39. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

### LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,076.43.

### NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. Present book value, \$1,346.79. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

### EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,312.51. The income is to be used without restriction in any branch of athletics.

### ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present book value, \$4,420.49.

### WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize." Present book value, \$1,927.09.

### C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are hung in the Library. This fund is to be liquidated and is not included in the total of the funds.

## HAVERFORD COLLEGE

### PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Byrn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$963.54.

### STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value \$3,699.55.

### JACOB AND EUGENIE BUCKY MEMORIAL FOUNDATION

Founded Sixth Month 4, 1942 by gift of \$2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of \$2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God"; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.<sup>2</sup>

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In God We Trust' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity." Present book value, \$2,089.23.

### MATHEMATICS DEPARTMENT PRIZE FUND (New This Year)

Founded May 20, 1943 from gifts totaling \$900.00 of members of the Mathematics faculty and others. This capitalized the annual prizes that had been given by the Mathematics professors for many years.

The Mathematics Department Prizes for freshmen, \$25.00, are awarded annually, in competition, by examination.





## STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second third-day in the Tenth month, at 3 o'clock P.M.

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The Stated Meetings of the Managers for 1943-44 will be held on the second Sixth-day of First and Third Months, and on the Third Sixth-Day of Fifth, Ninth and Eleventh months.

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## LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

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## FORM OF BEQUEST OF PERSONAL PROPERTY

*I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum of .....Dollars.*

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## FORM OF DEVISE OF REAL ESTATE

*I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)*



# HAVERFORD COLLEGE CATALOG

Directory of Military units issued as Catalog Supplement  
follows regular Directory no. 13

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1943-1944



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HAVERFORD COLLEGE BULLETIN  
VOLUME XLII • NUMBER THREE  
*December • 1943*





# HAVERFORD COLLEGE CATALOG

1943-44

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HAVERFORD · PENNSYLVANIA

1943																														
JULY										SEPTEMBER										NOVEMBER										
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11	12	13	14	15	16	17				12	13	14	15	16	17	18				14	15	16	17	18	19	20				
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## 1945

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## CALENDAR

1943-1944

Registration of all new students.....	Sept. 20-21, 1943
Reporting of Freshmen to Dean MacIntosh.....	Sept. 20
Beginning of College Year with Assembly, 11:00 A.M.....	Sept. 21
Stated Meeting of the Board of Managers.....	Sept. 22
Annual Meeting of the Corporation of Haverford College..	Oct. 19
Stated Meeting of the Board of Managers.....	Nov. 19
Thanksgiving Day.....	Nov. 25
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Dec. 13
Christmas Recess (dates inclusive)....	Dec. 19, 1943-Jan. 2, 1944
Stated Meeting of the Board of Managers.....	Jan. 21
Last First Semester classes.....	Jan. 15
Senior comprehensive examinations and course examina- tions for underclassmen.*.....	Jan. 19-22
Course examinations for all classes.....	Jan. 24-29
Commencement Day for Graduating Seniors.....	Jan. 29
Beginning of Second Semester, 8:10 A.M.....	Jan. 31
Stated Meeting of the Board of Managers.....	Mar. 17
Spring Recess (dates inclusive).....	Mar. 26-Apr. 2
Last date for selection of Major Subjects by students who have been in attendance three terms.....	May 1
Last date for submission of Prize Manuscripts.....	May 1
Stated Meeting of the Board of Managers.....	May 19
Last Classes for Seniors.....	May 13
Last Second Semester classes.....	May 20
Senior comprehensive examinations and course examina- tions for underclassmen.†.....	May 24-27
Course examinations for all classes.....	May 29-June 3
Commencement Day.....	June 3

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\* At the option of individual departments, comprehensive examinations may begin on Jan. 18.

† At the option of individual departments, comprehensive examinations may begin on May 23.

## CALENDAR

### Summer—1944

Beginning of Summer Term.....	June 26, 1944
Last date for selection of Major Subjects by students who have been in attendance three terms.....	July 24
Last Summer Term Classes.....	Aug. 25
Senior comprehensive examinations*.....	Aug. 23-25
Commencement Day for Graduating Seniors.....	Aug. 26

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\* At the option of individual departments, comprehensive examinations may begin on August 22.

## CALENDAR

1944-1945

Stated Meeting of the Board of Managers.....	Sept. 15
Registration of all new students.....	Sept. 25, 26, 1944
Reporting of Freshmen to Mr. MacIntosh.....	Sept. 25
Beginning of College Year with Assembly, 11:00 A.M....	Sept. 26
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M. (tentative).....	Oct. 17
Stated Meeting of the Board of Managers.....	Nov. 17
Thanksgiving Day.....	Nov. 30
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Dec. 11
Christmas Recess (dates inclusive)....	Dec. 21, 1944-Jan. 3, 1945
Stated Meeting of the Board of Managers.....	Jan. 5
Last First Semester Classes.....	Jan. 13
Senior comprehensive examinations and course examina- tions for underclassmen* .....	Jan. 17-20
Course examinations for all classes.....	Jan. 22-26
Commencement Day for Graduating Seniors.....	Jan. 27
Beginning of Second Semester, 8:30 A.M.....	Jan. 29
Stated Meeting of the Board of Managers.....	Mar. 9
Spring Recess (dates inclusive).....	Mar. 25-Apr. 1
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Apr. 30
Last date for submission of Prize Manuscripts.....	April 30
Stated Meeting of the Board of Managers.....	May 11
Last Second Semester Classes.....	May 19
Senior comprehensive examinations and course examina- tions for underclassmen† .....	May 23-26
Course examinations.....	May 28-June 1
Commencement Day for Graduating Seniors.....	June 2

\* At the option of individual departments, comprehensive examinations may begin on Jan. 16.

† At the option of individual departments, comprehensive examinations may begin on May 22.

# HAVERFORD COLLEGE

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## HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. The object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833, under the laws of the Commonwealth of Pennsylvania, into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a Board of Managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised, but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by subscriptions.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding income has been increased to over four million dollars.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' Meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased "a tract of 198: acres. . . ."

This property has since been increased to 216 acres. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has

increased with passing years. The grounds include seven fields for football, baseball, cricket and soccer; a running-track, twelve tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but with a normal enrollment of 400 still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts, science and engineering.

The endowment for salaries and pensions enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays. The advantages of a central location are utilized by bringing to college assemblies, on frequent occasions, men and women who have established leadership in government, business and the professions. Particularly in the Social Sciences, where the seminar method is emphasized, theoretical instruction is frequently checked against the practical experience of visitors prominent in official, industrial and professional life.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students.

All examinations and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. Student self-government is further emphasized in every aspect of campus life.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends Meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."



A degree from Haverford College is in itself a certificate that the recipient is intellectually, morally, physically and socially equipped to play his part, and in time assume a post of leadership, in the occupation and community of his choosing. A large proportion of Haverford graduates, however, customarily desire to supplement this equipment with distinctly professional education. For students desiring intensive preliminary training in medicine, the law, engineering, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools with full standing, and in many cases with advanced credit.

Sample outlines of study at Haverford, preparatory to post-graduate specialization in all the major professions, have been prepared and may be obtained by application to the Director of Admissions. Whether or not he intends to proceed to graduate work the student will in all cases plan his course, and select his major subject, in consultation with faculty advisers.

The first College building was Founders Hall, erected in 1833 and still, with additional wings, in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The new library, constructed in 1940-41, has special facilities for research and contains approximately 160,000 volumes.

There are four separate dormitories and, besides modern classrooms, well-equipped laboratories for chemistry, physics, biology and engineering. The gymnasium was built in 1900; Roberts Hall, containing the college offices and a large auditorium, in 1903; the Haverford Union, used for many college activities, dates from 1910; the infirmary was built in 1912. In the summer of 1941 the college kitchens were completely modernized and a suitable campus dwelling was converted into a Language House with resident director. During the summer of 1942 another of the campus dwellings was remodeled into a Government House, which has rooms for fifteen students and an apartment for its director.

Science House, opened in 1943, completes the trio of specialized student residences, the occupants of which have all the advantages of fraternity life without its social discrimination.

In February, 1943, the College began the academic training of a Pre-Meteorology Unit for the Army Air Forces Technical Training Command. In September, 1943, an Army Specialized Training Unit was added, composed for the most part of Area and Language Study trainees. A special Relief and Reconstruction Unit, at

graduate level, was established during the Summer of 1943. Civilian enrollment at the College stands up unusually well, in part because of the long standing emphasis on Premedical education at Haverford. During the war emergency period the College has been giving instruction and accommodation to approximately 550 students of all types, thus emphasizing the broad margin whereby facilities exceed the normal undergraduate load.

# CORPORATION OF HAVERFORD COLLEGE

## OFFICERS

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Germantown, Phila.  
FELIX M. MORLEY, *President of the College*.....Haverford, Pa.  
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.  
JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

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## MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

### Term Expires 1944

STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.  
THOMAS SHIPLEY BROWN.....Westtown, Pa.  
C. REED CARY.....Ellet Lane & Wissahickon Ave., Mt. Airy, Phila.

### Term Expires 1945

WILLIAM W. COMFORT.....Haverford, Pa.  
LOVETT DEWEES.....Sweetwater Farm, Glen Mills, Pa.  
THEODORE B. HETZEL.....768 College Avenue, Haverford, Pa.

### Term Expires 1946

HARRIS G. HAVILAND.....16th and Race Sts., Phila.  
ARCHIBALD MACINTOSH.....3 College Circle, Haverford, Pa.  
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila.

## BOARD OF MANAGERS

Ex-officio as Officers of Corporation

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Phila.  
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.  
JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

Term Expires 1944

J. STOGDELL STOKES.....Stokes and Smith Co., Summerdale, Phila.  
M. ALBERT LINTON.....46th and Market Sts., Phila.  
FRANCIS R. TAYLOR.....910 Girard Trust Bldg., Phila.  
EDWARD WOOLMAN.....Haverford, Pa.  
THOMAS W. ELKINTON.....121 So. 3rd St., Phila.  
DR. S. EMLIN STOKES.....Moorestown, N.J.  
HENRY CARTER EVANS.....635 Manatawna Ave., Roxboro, Phila.  
WILLIAM M. MAIER.....Bailey Building, Phila.  
\*JOHN K. GARRIGUES.....1102 Westover Rd., Westover Hills, Wilmington, Del.

Term Expires 1945

CHARLES J. RHOADS.....Ithan Road, Bryn Mawr, Pa.  
EDWARD W. EVANS.....304 Arch St., Phila.  
WILLIAM A. BATTEY.....Liberty Trust Building, Phila.  
DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.  
JOHN A. SILVER.....Olney P.O., Phila.  
ALFRED BUSSELLE.....347 Madison Ave., New York, N.Y.  
WALTER C. JANNEY.....1529 Walnut St., Phila.  
WILLIAM B. BELL.....Rockefeller Plaza, New York, N.Y.  
\*PAUL VAN REED MILLER.....Girard Trust Bldg., Phila.  
\*OWEN B. RHOADS.....Packard Bldg., Phila.

Term Expires 1946

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila.  
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila.  
L. HOLLINGSWORTH WOOD.....103 Park Ave., New York, N.Y.  
STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.  
WILLIAM WISTAR COMFORT.....Haverford, Pa.  
DR. HENRY M. THOMAS, JR.....1201 N. Calvert St., Baltimore, Md.  
ALEXANDER C. WOOD, JR.....511 Chestnut St., Phila.  
HAROLD EVANS.....1000 Provident Trust Bldg., Phila.  
\*WILLIAM NELSON WEST, III.....1104 Stock Exchange Bldg., Phila.

## FACULTY REPRESENTATIVES ON BOARD OF MANAGERS

Term Expires 1944  
CLETUS O. OAKLEY  
Chairman of Board  
MORRIS E. LEEDS

Term Expires 1945  
DEAN P. LOCKWOOD  
Secretary of Board  
EDWARD W. EVANS

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\* Alumni Representative Managers.

STANDING COMMITTEES OF THE BOARD OF MANAGERS OF  
THE CORPORATION OF HAVERFORD COLLEGE

*Executive Committee*

J. STOGDELL STOKES, <i>Chairman</i>	WALTER C. JANNEY
J. HENRY SCATTERGOOD	W. NELSON WEST, III
JONATHAN M. STEERE	DR. S. EMLIN STOKES
ALEXANDER C. WOOD, JR.	THOMAS W. ELKINTON
DR. FREDERIC C. SHARPLESS	PAUL V. R. MILLER

*Committee on Finance and Investments*

JONATHAN M. STEERE, <i>Chairman</i>	DR. S. EMLIN STOKES
J. HENRY SCATTERGOOD	M. ALBERT LINTON
ALEXANDER C. WOOD, JR.	JOHN K. GARRIGUES
WILLIAM B. BELL	

*Committee on Audit and Accounts*

WILLIAM A. BATTEY, <i>Chairman</i>	WILLIAM M. MAIER
FRANCIS R. TAYLOR	W. NELSON WEST, 3D
HAROLD EVANS	

*Committee on College Property and Farm*

HENRY C. EVANS, <i>Chairman</i>	EDWARD WOOLMAN
FREDERIC H. STRAWBRIDGE	ALFRED BUSSELLE
THOMAS W. ELKINTON	WILLIAM M. MAIER
WILLIAM A. BATTEY	OWEN B. RHODS
JOHN A. SILVER	

*Committee on Honorary Degrees*

WILLIAM W. COMFORT, <i>Chairman</i>	STANLEY R. YARNALL
L. HOLLINGSWORTH WOOD	FRANCIS R. TAYLOR
DR. HENRY M. THOMAS, JR.	M. ALBERT LINTON

## FACULTY

### FELIX M. MORLEY

A.B., *Haverford College*; B.A., *Oxford University*; Ph.D., *Brookings Institution*; LL.D., *Hamilton College* and *University of Pennsylvania*; Litt.D., *George Washington University*  
President

Arranged in order of appointment to present rank

### WILLIAM WISTAR COMFORT

A.B., *Haverford College*; A.B., A.M., and Ph.D., *Harvard University*; Litt.D., *University of Pennsylvania*; LL.D., *University of Maryland, Lake Forest College* and *Haverford College*  
President, *Emeritus*

### HENRY SHERRING PRATT

A.B., *University of Michigan*; A.M. and Ph.D., *University of Leipzig*  
David Scull Professor of Biology, *Emeritus*

### JAMES ADDISON BABBITT

A.B., *Yale University*; A.M., *Haverford College*; M.D., *University of Pennsylvania*  
Professor of Hygiene and Physical Education, *Emeritus*

### RUFUS MATTHEW JONES

A.B. and A.M., *Haverford College*; A.M. and D.D., *Harvard University*; Litt.D., *Penn College*  
LL.D., *Haverford College*, *Swarthmore College*, *Earlham College* and *Williams College*;  
D. Theol., *University of Marburg*; D.D., *Yale University*; D. Lit.Hum. *Colgate University*  
S.T.D., *Colby College*, *Columbia University*;  
H.Litt.D., *Jewish Inst. of Religion*;

T. Wistar Brown Professor of Philosophy, *Emeritus*

### LEGH WILBER REID

S.B., *Virginia Military Institute*; A.B., *Johns Hopkins University*;  
S.M., *Princeton University*; Ph.D., *University of Göttingen*  
Professor of Mathematics, *Emeritus*

### ALBERT HARRIS WILSON

S.B. and S.M., *Vanderbilt University*; Ph.D., *University of Chicago*  
Professor of Mathematics, *Emeritus*

### HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*; Sc.D. *Haverford College*  
Lecturer in Astronomy, *Emeritus*

### FREDERIC PALMER, JR.

A.B., A.M., and Ph.D., *Harvard University*  
Professor of Physics

### WILLIAM EDWARD LUNT

A.B. and L.H.D., *Bowdoin College*; A.M. and Ph.D., *Harvard University*  
Walter D. and Edith M. L. Scull Professor of English Constitutional History

### LEON HAWLEY RITTENHOUSE

M.E., *Stevens Institute of Technology*  
Professor of Engineering

### FRANK DEKKER WATSON

S.B. in Economics and Ph.D., *University of Pennsylvania*  
Professor of Sociology and Social Work

### DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*  
Professor of Latin

## WILLIAM BUELL MELDRUM

B.A. and M.Sc., *McGill University*; Ph.D., *Harvard University*

John Farnum Professor of Chemistry

## LEVI ARNOLD POST

A.B. and A.M., *Haverford College*; A.M., *Harvard University*;B.A. and M.A., *Oxford University*

Professor of Greek

## EMMETT REID DUNN\*

A.B. and A.M., *Haverford College*; Ph.D., *Harvard University*

David Scull Professor of Biology

## EDWARD DOUGLAS SNYDER

A.B., *Yale University*; A.M. and Ph.D., *Harvard University*

Professor of English

## FRANK WHITSON FETTER\*

A.B., *Swarthmore College*; A.M., *Harvard University*; A.M. and Ph.D., *Princeton University*

Professor of Economics

## JOHN ALEXANDER KELLY

A.B., *Emory and Henry College*; A.M. and Ph.D., *Columbia University*

Professor of German

## DOUGLAS VAN STEERE

S.B., *Michigan State College*; B.A., *Oxford University*; A.M. and Ph.D., *Harvard University*

Professor of Philosophy

## RICHARD MANLIFFE SUTTON

S.B., *Haverford College*; Ph.D., *California Institute of Technology*

Professor of Physics

## CLETUS O. OAKLEY

B.S., *University of Texas*; S.M., *Brown University*; Ph.D., *University of Illinois*

Professor of Mathematics

## RALPH M. SARGENT

A.B. *Carleton College*; Ph.D., *Yale University*

Professor of English

## ALFRED J. SWAN

B.A. and M.A., *Oxford University*

Associate Professor of Music

## JOHN GOODWIN HERNDON

A.B. and M.A., *Washington and Lee University*; Ph.D., *University of Pennsylvania*

Associate Professor of Government

## JOHN WILLIAM FLIGHT

B.A., *Hope College*; M.A., *Yale University*; B.D. and Ph.D., *Hartford Theological Seminary*

Associate Professor of Biblical Literature

## HARRY WILLIAM PFUND

A.B., *Haverford College*; A.M. and Ph.D., *Harvard University*

Associate Professor of German

## HOWARD COMFORT

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*;F.A.A.R., *American Academy in Rome*

Associate Professor of Latin and Greek

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\* Absent on leave 1943-44.

## HAVERFORD COLLEGE

ALEXANDER JARDINE WILLIAMSON\*

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*  
Associate Professor of Romance Languages

ROY EARL RANDALL\*

Ph.B., *Brown University*

Associate Professor of Physical Education

CLAYTON WILLIAM HOLMES

B.S., *University of New Hampshire*; A.M., *Haverford College*; M.E., *University of New Hampshire*  
Associate Professor of Engineering

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*  
Associate Professor of American History

CARL BARNETT ALLENDOERFER

S.B., *Haverford College*; B.A. and M.A., *Oxford University*; Ph.D., *Princeton University*  
Associate Professor of Mathematics

HOWARD MORRIS TEAF, JR.

B.S., in Econ., A.M., and Ph.D., *University of Pennsylvania*  
Associate Professor of Economics

RICHARD MAX BERNHEIMER

Ph.D., *University of Munich*

Associate Professor of Art

EDMUND STINNES

Ph.D., *Charlottenburg Institute of Technology*  
Associate Professor of Government

HOWARD KNICKERBOCKER HENRY

B.S., *University of Pennsylvania*

Assistant Professor of Botany

MONTFORT VERTEGANS MELCHIOR†

A.B., *Haverford College*; A.M., *University of Pennsylvania*  
Assistant Professor of Romance Languages

WILLIAM EDWARD CADBURY, JR.\*

S.B. and A.M., *Haverford College*; Ph.D., *University of Pennsylvania*  
Assistant Professor of Chemistry

THEODORE BRINTON HETZEL

S.B., *Haverford College*; B.S., in M.E., *University of Pennsylvania*;  
M.S. and Ph.D., *Pennsylvania State College*  
Assistant Professor of Engineering

THOMAS OSWELL JONES

B.E., *Oshkosh Teachers College*; Ph.M. and Ph.D., *University of Wisconsin*  
Assistant Professor of Chemistry

ALFRED WILLIAM HADDLETON

Assistant Professor of Physical Education

LOUIS C. GREEN

A.B., A.M., and Ph.D., *Princeton University*  
Assistant Professor of Astronomy

OMAR PANCOAST, JR.

B.S., *Johns Hopkins University*; Ph.D., *Columbia University*; C.L.U.  
*American College of Life Underwriters*  
Assistant Professor of Economics and Sociology

\* Absent on leave 1943-44.

† Deceased, Oct. 13th, 1943.



## MAYLON H. HEPP

A.B., and A.M., *Oberlin College*, Ph.D., *Brown University*  
 Assistant Professor of Philosophy

## HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*  
 Lecturer in Hygiene

## WILLIAM HENRY CHAMBERLIN

A.B., Litt.D., *Haverford College*  
 Visiting Professor of Government

## ARLINGTON EVANS

B.P.E., *Normal College A.G.U.*; M.S., *Temple University*  
 Instructor in Physical Education

## LINDSAY A. LAFFORD\*

Fellow of the *Royal College of Organists*; Licentiate of the *Royal Academy of Music*;  
 Associate of the *Royal College of Music*  
 Instructor in Music

## THOMAS C. GIBB

A.B., *Dickinson College*; M.A., *Haverford College*  
 Instructor in English

## JOHN OTTO RANTZ

Graduate of the *Williamson Free School of Mechanical Trades*  
 Instructor in Engineering

## THOMAS A. BENHAM

B.S., *Haverford College*  
 Instructor in Physics

## RAYMOND THEODORE OHL

A.B. and M.A., *Haverford College*; Ph.D., *University of Pennsylvania*;  
 F.A.A.R., *American Academy in Rome*  
 Instructor in History

## FRANCIS COPE EVANS

S.B., *Haverford College*; D.Phil., *Oxford University*  
 Instructor in Biology

## LAURENCE WILLIAM WYLIE

B.A., and M.A., *University of Indiana*; Ph.D., *Brown University*  
 Instructor in French

## MANUEL J. ASENSIO

B.A., *University of Granada, Spain*  
*Pericial de Aduanas, Academia Oficial de Aduanas, Madrid*  
 Instructor in Spanish

## SAMUEL EMLÉN STOKES, JR.

A.B., *Haverford College*  
 Instructor in French

## THOMAS H. ECKFELDT, III

B.S., *Haverford College*  
 Instructor in Chemistry

## RICHARD WILLIAM NORTON, JR.

Instructor in Spanish

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\* Absent on leave 1943-44.

ELISA ASENSIO  
Instructor in Spanish

The Acting Dean and the Registrar are ex-officio members of the Faculty.

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ASSISTANTS

ALAN S. FITZGERALD  
Research Associate  
in  
Physics and Engineering

ROBERT ATKINSON  
B.S., M.A., *Haverford College*  
Assistant in Physics

THOMAS ELKINTON, '44  
Assistant in Chemistry

EDWARD BLOCK, '44  
Assistant in Physics

RICHARD W. COLE, '44  
Assistant in Physics

The following Visiting Professors are full or part-time members of the Faculty in connection with the training units of the Army Air Force Eastern Technical Training Command, the Army Specialized Training Program, and the Reconstruction and Relief Unit.

ALDO CASELLI  
D.S.E.R., *University of Naples*  
Italian Area and Language Study

ELIZABETH W. COMFORT  
A.B., *Vassar College*  
Italian

LEONIDAS DODSON  
A.B., *Whittier College*; A.M., *University of Wisconsin*;  
Ph.D., *State University of Iowa*  
German History

MARTIN FOSS  
LL.D., *University of Jena*  
German Area and Language Study

CHIIHIRO KIKUCHI  
B.S., *University of Washington*; M.A., *University of Cincinnati*  
Mathematics and Physics

DAVID B. KIRK  
B.S., *Haverford College*  
Mathematics

HERTHA KRAUS  
Ph.D., *University of Frankfurt*  
International Relief Administration

ANNE K. LAFFORD  
German

ALBERT A. LA FLEUR

A.B., A.M., and Ph.D., *Clark University*

Geography

DONALD P. LEGALLEY

B.S., *Heidelberg College*; M.S. and Ph.D., *The Pennsylvania State College*

Physics

ANGELINE HELEN LOGRASSO

A.B. and A.M., *University of Rochester*; Ph.D., *Radcliffe College*

Italian

FRITZ NOVA

A.B. and M.A., *Haverford College*; Ph.D., *University of Pennsylvania*

German Area and Language Study

BEATRICE C. OBERHOLTZER

Italian

RAYMOND THEODORE OHL

A.B. and M.A., *Haverford College*; Ph.D., *University of Pennsylvania*;

F.A.A.R., *American Academy in Rome*

English

ABRAHAM PEPINSKY

B.A. and M.A., *University of Minnesota*; Ph.D., *The State University of Iowa*

Physics

MARIE F. PFUND

German

A. WILLIAM SALOMONE

A.B., *La Salle College*; A.M. and Ph.D., *University of Pennsylvania*

Italian Area and Language Study

CONRAD L. B. SHUDEMAM

B.S. and M.S., *University of Texas*; Ph.D., *Harvard University*

Physics

GEORGE CLARENCE VEDOVA

B.A., *International College*; M.A., *Columbia University*; Ph.D.,

*University of Maryland*

Mathematics

DOMENICO VITTORINI

A.M., *Princeton*; Dottore in Lettere, *Rome*

Italian History

MARTA WANKOWICZ

A.B., *Rosemont College*

Polish

## OFFICERS OF ADMINISTRATION

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FELIX M. MORLEY

*A.B., Haverford College; B.A., Oxford University; Ph.D., Brookings Institution; L.L.D., Hamilton College and University of Pennsylvania; Litt.D., George Washington University*

President

ARCHIBALD MACINTOSH

*A.B., Haverford College; M.A., Columbia University*  
Vice President, and Director of Admissions

THOMAS C. GIBB

*A.B., Dickinson College; A.M., Haverford College*  
Acting Dean

WILLIAM MINTZER WILLS

*A.B., A.M., Haverford College*  
Comptroller and Registrar

DEAN PUTNAM LOCKWOOD

*A.B., A.M., and Ph.D., Harvard University*  
Librarian

ROBERT J. JOHNSTON

Superintendent

HERBERT WILLIAM TAYLOR

*A.B., Haverford College; M.D., University of Pennsylvania*  
Physician in Charge

LOUIS C. GREEN

*A.B., A.M., and Ph.D., Princeton University*  
Director of the Strawbridge Memorial Observatory

THOMAS EDWARD DRAKE

*A.B., Stanford University; M.A., University of Michigan; Ph.D., Yale University*  
Curator of the Quaker Collection

BRINTON H. STONE

*A.B., Johns Hopkins University; M.A., Columbia University*  
Assistant to the President

RICHARD HOWELL

Steward

AMY L. POST

*A.B., Earlham College*  
Assistant Librarian

MABEL S. BEARD

*R.N., Lankenau Hospital*  
Resident Nurse

MARY L. SCAIFE

Secretary to the President

## STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

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The President and Vice-President are Ex-Officio members of all committees. These administrative officers, the two faculty representatives on the Board of Managers, the three elected divisional representatives of the Faculty, the Coordinator and Academic Directors of the Army Units and Mr. Stone compose the Academic Council. Under the chairmanship of the President this body meets semi-monthly throughout the year to consider matters of College policy. The elected members for 1943-44 are Messrs. Watson (Social Science), Allendoerfer (Natural Sciences) and Sargent (Humanities).

### *Admissions*

MR. MACINTOSH, *Chairman*  
MESSRS. JONES, MELDRUM, SNYDER, SUTTON

### *Curriculum and Honors*

MR. LOCKWOOD, *Chairman*  
MESSRS. HOLMES, PALMER, PFUND, WATSON

### *Delinquent Students*

MR. OAKLEY, *Chairman*  
MESSRS. GREEN, HERNDON, PALMER, POST

### *Fellowships and Prizes*

MR. PFUND, *Chairman*  
MESSRS. FLIGHT, HERNDON, PANCOAST, STINNES

### *Graduate Students*

MR. STEERE, *Chairman*  
MESSRS. H. COMFORT, KELLY, LUNT, MELCHIOR

### *Library*

MR. SARGENT, *Chairman*  
MESSRS. DRAKE, GREEN, HEPP, LOCKWOOD

### *Premedical Education*

MR. MELDRUM, *Chairman*  
MESSRS. GIBB, HENRY, SUTTON, TAYLOR

### *Publications*

MR. MORLEY, *Chairman*  
MESSRS. RITTENHOUSE, SARGENT, TEAF, WILLS

### *Student Affairs*

MR. ALLENDOERFER, *Chairman*  
MESSRS. F. EVANS, HADDLETON, MELCHIOR, SWAN

# GENERAL REGULATIONS

## ADMISSION

The policy of Haverford College is to admit to the freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to the undergraduate life. Due regard is given not only to scholarly attainment as shown by examination and by school record but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with a representative of this institution. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a select and comparatively small student organization. On the basis of all information available—College Board reports, school record, class standing, evidence touching on character and personality—the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. To those who on entrance show marked proficiency in certain subjects, as a result of special tests provided, advanced standing in those subjects will be granted.

Each applicant for admission must take the Scholastic Aptitude Test given by the College Entrance Examination Board, and usually some achievement tests given by the same Board. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition the applicant must present, on blanks furnished by the College, his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units\* of work.

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\* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work."

The preparatory course must include four years of English, at least a year and a half of Algebra and one year of Geometry, and three years of one foreign language and two years of another; or, if four units of Latin are offered, two units of a second language are required. Cases involving divergence from the requirement should be discussed with the Director of Admissions. The remaining units will be drawn from laboratory science, history, and additional mathematics and language.

A candidate may offer an elective in a subject not in the usual list, if this choice is approved by the Admissions Committee, and if he shows proficiency that indicates an amount of study and intellectual effort commensurate with that required in other subjects.

#### INFORMATION CONCERNING TESTS OF THE COLLEGE ENTRANCE EXAMINATION BOARD

In addition to the Scholastic Aptitude Test of the College Entrance Board, which is required of *all* candidates for admission, each candidate shall take, after consultation with the Admissions Office, three of the Achievement Tests offered by the Board.

A single Bulletin of Information containing rules for the filing of applications and the payment of fees, lists of examination centers, etc., may be obtained without charge from the College Entrance Examination Board. The Board does not publish a detailed description of the Scholastic Aptitude Test or the Achievement Tests. A practice form of the former test will be sent to every candidate who registers for it.

Candidates should make application by mail to the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms, candidates should state whether they wish to take the December, April, June, or September tests.

In order to facilitate the arrangements for the conduct of the tests, all applications should be filed as early as possible. Each application should be accompanied by the appropriate examination fee, which is four dollars for candidates who take only the Scholastic Aptitude Test and eight dollars for all other candidates. Applications and fees should reach the office of the Board by November 13, 1943, for the December 1943 tests, March 25, 1944, for the April tests, May 13, 1944, for the June tests, and August 16, 1944, for the September tests.

When a candidate has failed to obtain the required blank form of application, the regular fee will be accepted if it arrives not later than the specified date and is accompanied by the candidate's name and address, the exact examination center selected, the college to which his report is to be sent, and the test or tests he is to take.

The Board will report the results of the tests to the institution indicated on the candidate's application. The colleges will, in turn, notify the candidates of the action taken upon their applications for admission. Candidates will not receive reports upon their tests from the Board.

### ADVANCED STANDING

Since Haverford offers an integrated education, admission with advanced standing is granted only in a limited number of cases. An undergraduate who comes from an approved college must submit an official statement of his honorable dismissal, together with a full list of his accepted preparatory subjects, and a list of all his college courses with his record therein.

### COURSES OF STUDY

Haverford College recognizes each matriculate as an individual whose training in the past and whose plans for the future may differentiate him from his fellows. The College accordingly lays out tentatively an individual plan of study for each student at the beginning of his Freshman year. This plan is confirmed or modified for each succeeding year.

In making each plan, the College directs Faculty members to see to it that the student takes in his Freshman and Sophomore years certain courses which are required in *his* case and that he distributes his limited electives so as to make the plan both broad and sound.

Twenty academic courses plus three Physical Education courses are required for graduation. The academic courses may be classified as follows:

Required.....	1
Limited Electives.....	5 or 6
(Foreign Language 1 or 2, others 4)	
Major Concentration (average).....	6
Free Electives.....	7 or 8
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Total.....	20

For those who undertake an accelerated program the equivalent of thirty-six courses of one term each are required. The num-



bers of required courses, limited electives, average major concentration courses are the same as for those who do not accelerate.

### REQUIRED COURSES

Two one-term courses in English, and Physical Education 1, are required of all Freshmen. Physical Education 2 and Physical Education 3 are required of all Sophomores and Juniors respectively.

### LIMITED ELECTIVES

It is the conviction of Haverford College that the study of Greek and Latin offers both general and specific values which ought not to be lightly omitted from the education of its students; in view of this conviction the College may advise and, where it deems necessary, is prepared to require the study of these subjects.

1. Each student who is a candidate for the Bachelor's degree should present at entrance three units of one foreign language and two of another. After entrance he must pass either one course in a language which he has presented for entrance or two courses in a third foreign language.

2. Each student must pass a course of two terms or two courses of one term each in Literature, either English or foreign, from the following list: English *8b*, *11a*, *12b*, *14b*, *21a*, *21b*, *22b*, *23a*, *26b*, *27a*, *30b*, *32b*, *41a*, *42b*, and *43a*; French *16b*, *17a*, *18b*, *19a*; German *5a*, *6b*, *11a*, *12b*, *13a*, *14b*, *15a*, *17b*, and *18b*; Greek *2*, *3a*, *4b*, *7a*, *8b*, *9a*, *10b*, and *27a*; Latin *5a*, *6b*, *7*, *9a*, *10b*, *11*; Spanish *3*, *5a*, *6b*, and *7*. Any course in Art or Music, may be substituted for a literature course, with the permission of the departments concerned.

3. Each student should present one course involving laboratory work in Biology, Chemistry, or Physics, or must take one after entrance.

4. Each student must pass a course of two terms or two courses of one term each chosen from Biblical Literature *1a*, *2b*, *4b*, *5a*, *6b*, *8b*; Philosophy *5*, *7a*, *9a*, *10b*, *17a*, *18b*, or Sociology *1a*, *2b*, *4b*.

5. Each student must pass a course of two terms or two courses of one term each in Economics, Government, or History.

### MAJOR CONCENTRATION

A student may elect to major in any one of the following departments; Art, Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government,

Greek, History, Latin, Mathematics, Philosophy, Physics, Sociology, Spanish.

Definite requirements of each department are stated under the name of the department on pages 55-89 and are understood as applying to the class of 1947. During the fourth term of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and must apply to him for written approval of a program of courses for the last four terms. Such a program must provide for the completion by the end of the Senior year of no fewer than six courses, at least three of which must have been in the major department and the others in closely related fields. Courses taken before the Junior year are included or not, at the discretion of the Major Supervisor. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major program, signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth term. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

A student who applies for permission to become a Major in any Department may be rejected *for scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the preliminary courses and "major requirements" of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70, the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor.

The phrase "preliminary courses," above, is understood to mean any courses the student may already have taken in the department for which he is applying. If the applicant has not already taken any courses in that department, the department should name courses in other departments which might be regarded as "preliminary."

On a student's official major card shall be listed *only* those major courses and closely related courses which constitute his major

program. The student chooses his own free elective courses for his last four terms, after consultation with his Major Supervisor, "whose power outside the field of major concentration is, however, merely advisory." (Catalog, 1937, page 36.) To permit the student to change his plans, at his discretion, regarding these free electives, they should never be included on the major card.

Each student shall consult with his Major Supervisor within the first two weeks of each term during his last four terms for the purpose of reviewing his program of courses. Due notice of this responsibility is to be given by the Dean to the students and to the Major Supervisors.

Each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. The passing grade for this examination is 70. In case of failure a candidate may, with the permission of his Major department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination be taken one year later, during the regular period of major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual) and if the request is granted, the fee is \$25.00.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department as long as he is in College. Should he wish to change from one department to another after the beginning of his fifth term, the change can be made only by the consent of the two Major Supervisors concerned and the Dean.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year.

Examination in the Major subject in courses taken in the Senior year may be omitted at the discretion of the Major Supervisor.

### FREE ELECTIVES

A number of courses sufficient to bring the total to twenty academic courses shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right through the Dean to prevent unreasonable combinations of courses but that in the Junior and Senior years the

student will choose his free electives after consultation with his Major Supervisor, whose power outside the field of major concentration is, however, merely advisory.

## PROGRAMS

### *Freshman Program*

Although the Dean is instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty requires that English be taken throughout the year, and recommends in all usual cases that Freshmen take one or two foreign languages (including Latin or Greek if desirable), and two or three courses chosen from History, Mathematics, and Science, not more than one in any one of those fields.

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Biology 1 or 2	Greek 1, 2, 3
Chemistry 1 or 2	History 1
Engineering 1a, 2b, 10b	Latin 1, 3, 5a, 6b, 7
French 1, 2 or 3	Mathematics 1
German 1, 2 or 3	Physics 1 or 1-2
Government 3a	Spanish 1 or 3

In special cases, Freshmen may be admitted to certain other courses with the consent of the Dean.

A Freshman will not be permitted to take more than five courses, in addition to Physical Education, except with special consent of the Faculty. As to requisite grades, see page 39.

### *Sophomore, Junior, and Senior Programs*

A Sophomore, Junior, or Senior must take five courses, besides Physical Education, and may not take more than five, unless he receives the special permission of the Academic Council or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean. For promotion and graduation grades, see page 39. Unless otherwise specified all courses offered in any term are open to Sophomores, Juniors, and Seniors.

A member of the three upper classes is expected to assume full responsibility for his academic program term by term, but the help of the Faculty and of the Administration is freely available in regard to immediate and general programs. During the war all students in College are required to file in the current term a tentative program for the next term, so that plans can be made for offering courses.

## SPECIAL CASES

Whenever a student gives proof of special aims and abilities, the College is prepared to lay aside such requirements of the preceding plan as stand between him and the accomplishment of his ambitions. An undergraduate who is not required to take extra work because of a deficiency or delinquency may take extra courses at a charge of \$25.00 for each extra semester course, by applying to the Academic Council. No refund will be made to a student who drops a sixth course after the first two weeks of a semester.

## CONFLICTING COURSES

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned. In case of conflict involving a repeated course the repeated course takes precedence.

## INTERCOLLEGIATE COURTESY

Because of the cooperative relationship now existing between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of one of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group. This institutional courtesy does not involve the payment of additional fees except in the case of laboratory courses, in which case the visiting student will be charged the same laboratory fees or deposits as students in the institution to which he goes.

Students desiring to take advantage of this arrangement should secure the permission of the Academic Council through the Dean, and also the permission of the chairman of the Department at the College under which the course involved would most naturally fall. It is also desirable that the instructor giving the course be consulted in advance.

Graduate students will obtain similar permission from the Committee on Graduate Students. Ordinarily the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

The Presidents of Bryn Mawr, Swarthmore, and Haverford consult at regular intervals to further cooperative arrangements between their respective institutions.

## DEGREES

## BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years respectively a general average, for the year, of 70 or above, and provided they have passed their Major examinations with a grade of 70 or above, are granted the degree of Bachelor of Arts or Bachelor of Science. The normal degree conferred upon all candidates meeting these requirements is that of Bachelor of Arts. However, upon request by the candidate, and approval by the department concerned, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering. The fee for the Bachelor's degree is \$15.

## MASTER OF ARTS AND MASTER OF SCIENCE

*Admission to Candidacy.*—Graduates of Haverford College or an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. A candidate should have a reading knowledge of one foreign language, ancient or modern.

*Requirements.*—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80) and to do satisfactory additional intensive work, equivalent at least to a full course, which may take the form of a thesis or other research. (In a full year course in which credit is not granted for the work of a single term, the course grade is the average of the two term grades; in other cases each term's work is a separate course, for the purposes of this requirement.) At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may, at the discretion of the professor in charge, be required to pass a comprehensive examination upon the field of his major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1

to the Chairman of the Committee on Graduate Students. After approval by this Committee, the program must be filed with the Registrar. Before award of the Master's degree the candidate must deposit two copies of his thesis in the College library.

A minimum of one year's residence is required, and a candidate, if well prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate a longer period of residence may be necessary, but candidates for the Master's degree must complete the required work in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not in general be able to satisfy the requirements for the degree in one year.

*Charges.*—The charges for a Graduate Student are: tuition, \$450; board, \$300; lodging, \$175. The fee for the Master's degree is \$20. Laboratory fees, supplies, breakage, and incidentals are extra.

*Fellowships.*—Six graduate fellowships of \$800 each are available each year primarily for members of the Society of Friends and for the graduates of other Friends' Colleges in the United States, who wish to proceed with their education in any department of Haverford College which may be selected, provided the proposed schedule of study is approved by the Committee on Graduate Students. Any recipient of a graduate fellowship should have additional resources of at least \$300. The board and lodging must be at Haverford College unless by arrangement with the Dean they are taken at the neighboring Quaker community of Pendle Hill.

Applications should be accompanied by a certified list of the applicant's courses and grades as an undergraduate, three letters concerning the character, personality, financial condition and qualifications of the applicant, a copy of the catalog of the institution in which the applicant was an undergraduate, and a small photograph. Applications and material should be in the hands of the Dean of Haverford College before March 1st to secure consideration for the following year.

## GRADUATE FELLOWSHIPS FOR STUDY IN RECONSTRUCTION AND RELIEF

By act of the Faculty of Haverford College on March 18 and by the Board of Managers on March 19, 1943, the *Reconstruction and Relief Course* was declared a possible field for specialization for the Master of Arts or the Master of Science degree at Haverford College; the Master of Arts and the Master of Science degrees were also open to women; and the six Thomas Wistar Brown graduate fellowships of \$800 each were declared open to men and women candidates intending to specialize in the field of Reconstruction and Relief, provided that the other conditions of this trust were fulfilled.

Only those candidates approved by the Faculty Graduate Students Committee as suitable for graduate study, will be permitted to receive credit toward a graduate degree while taking these training courses in the Reconstruction and Relief Unit. Further, it is to be noted that graduate credit is only to be allowed in those courses which are declared open to graduate study. In the case of the Reconstruction and Relief courses, all courses in the existing Specialization curriculum, with the exception of the elementary language courses, however, are open to graduate study. The usual requirement of a minimum grade of 80 in each course for graduate students will be maintained.

For well-prepared candidates from colleges of high standing, it would be possible to complete the course work for the Master of Arts or Master of Science degree in the twelve months of resident academic study designated in the graduate course of the Reconstruction and Relief training. The Master of Arts thesis would alone remain to be completed outside of this time. Arrangements have been made for an extension of time for completing theses for those actively engaged in Relief and Reconstruction service abroad.

## HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention*, *Preliminary Honors*, and *Final Honors*.



*Honorable Mention*† will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, and additional work to the total amount of not less than 60 hours. Candidates for Honorable Mention must obtain a minimum grade of 85 in the regular work of the course and pass creditably an examination on the additional work required. Two courses of one term each in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for Honorable Mention, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, do so during the Sophomore year.

*Preliminary Honors* will be awarded at the end of the Sophomore or Junior year for work in not less than two courses of two terms each in a single department, and additional work to the total amount of not less than 120 hours. Candidates for Preliminary Honors must obtain a minimum average grade of 85 in the courses required for such honors and a grade satisfactory to the Department in such of these courses as are taken in the Sophomore or Junior year, and must pass creditably examinations on the additional work required.

*Final Honors* are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the major department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors, the verdict of an outside examiner may be obtained if deemed desirable. The various departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors,

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† Honorable mention is awarded in Freshman English in connection with the work of the second half-year (English 2b).

one-half of one per cent for each award of Honorable Mention or Preliminary Honors. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent respectively to the average for the Senior year of each student receiving such award.

### PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, *before May 1*.

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

#### ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory.

#### THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

#### JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING IN LITERATURE

A first prize of \$50 and a second prize of \$25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a period or comprehensive topic in the field of literature (ancient, American or foreign) during at least two years of their college career.

The administration of these prizes is in the hands of the Committee Fellowships and Prizes, with which the candidate shall register and which shall approve the subject chosen. The Committee will then recommend the candidate to the Department(s) to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the Departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

#### THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

#### THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898 on the twenty-fifth anniversary of their graduation established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and may be awarded to a student who has attained a high degree of proficiency in chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

#### THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

#### THE DEPARTMENT PRIZES IN MATHEMATICS

A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

#### THE ELLISTON P. MORRIS PRIZE

A prize of \$40, open to all undergraduates and to graduates of not more than three years' standing, is offered every year for the best essay bearing on the general problem of "International Peace and the Means of Securing It." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited

with the Registrar before May 1. The judges shall be appointed by the President of the College. For the 1943-44 competition the following subjects are offered:

1. A Critical Evaluation of Leading Proposals for Post-War Reconstruction.
2. What Could We Expect of a Negotiated Peace?
3. A Concrete Contribution to European Peace: Danzig and Fiume as Future Free Ports.\*
4. America's Part in Post-War Organization.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize, but the two prizes will not be awarded to one person.

#### THE ELIZABETH P. SMITH PRIZE

A prize of \$40 is offered annually to the undergraduate who presents the best essay on international peace under the same conditions and terms as the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

#### PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

These prizes may be competed for during any year of the College course.

#### THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the

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\* A student may concentrate on a study of either Danzig or Fiume if he wishes to focus his essay in that way.

end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

#### THE CLASS OF 1910 POETRY PRIZES

Two prizes of \$15 and \$10 respectively are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1. The judges shall be appointed by the President of the College.

#### THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

Candidates must register with the Committee on Fellowships and Prizes before March 1. The contest closes May 1. By that date every candidate shall have deposited with the Registrar a list of books and a brief essay explaining the purpose of his collection.

#### THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

#### THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History under the following general provisions:

*First*—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

*Second*—The prize shall not be awarded twice to the same student.

*Third*—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

#### *Conditions*

In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a

subject selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited under an assumed name with the Registrar before May 1.

For the competition of 1943-44 the following subjects are submitted:

1. The Attempt to Obtain General Disarmament and Collective Security from 1919 to 1934.
2. The Relations between Great Britain and the United States from 1823 to 1854.
3. The Philosophy of the American Revolution.
4. The Antislavery Movement in the United States from the Prohibition of the Foreign Slave Trade to the Civil War.

#### THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$50) may be awarded annually on the basis of Final Honors in English, provided that the Department judges that the work of the leading candidate merits such award.

#### THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize (\$50) will be awarded annually to the upper classman who shall have shown the "greatest achievement in voice and the articulation of the English language."

#### THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$50 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

### THE NATIONAL FOUNDATION FOR EDUCATION IN AMERICAN CITIZENSHIP PRIZE

A cash prize of \$100 for the best essay, by a Haverford undergraduate, on the subject of "The Basic Principles Underlying the Government of the United States" is offered by this Foundation. The essay shall be typewritten, should not exceed five thousand words, and must be deposited under an assumed name with the Registrar before May 1. Accelerating Seniors are eligible for this competition and may submit their essays within one year after leaving College.

### GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued at the end of each term.

Freshmen are expected to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores are required to obtain a general average for the year of at least 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation.

### DELINQUENT STUDENTS

A student who achieves a grade of 50-60 (E) as his term mark in any course is allowed a special examination in September following the failure (on Monday, Tuesday, or Wednesday immediately preceding the opening of College). Seniors who achieve 50-60 in any course (except in the Major Examination, see page 26) are permitted to take the special examination during Commencement Week. These examinations, known as make-up examinations, are scheduled only upon written request by the student and on the payment of the fee of \$5.00 for each examination. The request and the fee must be received by the Registrar ten days before the opening of College in September. Late applicants are subject to an additional fee of \$5.00. During the war special examinations for those with a grade of 50-60 may be arranged through the Dean and scheduled soon after the condition is registered. A student who achieves a grade below 50 is not permitted to take a special examination in that course.

A student with 50 or below as his term grade, or with 50-60 as his term grade in any course after the special examination privilege has lapsed or after taking a special examination must

repeat the course if it is a required course (repeated courses take precedence in the case of conflict, and are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining this degree.

A fee of \$15 per term is charged for all repeated or substituted courses.

No student, after his freshman year, shall be permitted to drop a course after the second week of a term, except upon the recommendation of the Dean and with the approval of the instructor in charge. A course, once reported to the College office, shall not be removed from the student's record. In the case of failure this shall apply, even though the credit deficiency has been made up by taking an extra course in a subsequent semester, or applying a credit previously obtained. If a student fails a course and wishes to make up the credit deficiency by taking an extra course in the subsequent term, the Committee on Student Petitions shall grant him this permission only if he first forfeits all right to re-examination in his failed course.

A Sophomore who fails to attain promotion average (see page 39), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 39), and who has not more than one failure, may take a re-examination in the course of one term in which he has received the lowest grade, provided that this grade be better than F.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has more than two courses of one term each of failures against him at the opening of College in September will be dropped. In such cases no refund will be made (see page 42).



# FINANCIAL ARRANGEMENTS

## ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 22) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$100 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited, unless the student be *excluded by the College* for failures or other sufficient reason, in which case the fee will be refunded upon request.

Students are expected to treat their own and College property with the same consideration as in their own homes. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

The College does not hold itself responsible for the safe-keeping of private property left by the students in their rooms, or elsewhere on the campus.

## EXPENSES

The combined charge for tuition (\$450), board (\$300), and room rent (\$100 to \$225, according to location), varies from \$850 to \$975 for the fall and spring terms. The charge for the summer session is \$45 for each term course, \$10 a week for board, and \$40 to \$55 for room rent. These charges, which may be altered by the Board of Managers if circumstances render such action necessary, include heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets and towels. In general two students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the several halls and the combined charges are as follows:

Because of the occupancy of Barclay and Lloyd Halls by the Army units resident at Haverford College, only Founders, and Merion Halls together with the Language, Government and Science Houses are available as dormitories during the emergency.

The charge for tuition of day-students is \$450 for the fall and spring terms and \$45 for each term course for the summer. A laboratory fee (as specified elsewhere in this catalog) and the cost of materials consumed and of apparatus broken are charged in each of the laboratories. The fee for dropping a course after two weeks is \$15. The fee for the Bachelor's degree is \$15. For Graduate Student fees, see page 31.

The Board of Managers requires that bills rendered October 1 for three-fifths of the student's total cash indebtedness for the current fall and spring terms for room, board, and tuition must be paid *in full before* November 1. Those rendered February 1 for the balance of the fall and spring terms, must be paid *in full before* March 1. Failure to pay within the specified period automatically cancels the student's registration.

No reduction or refund of the tuition charge will be made on account of absence, illness or dismissal during the year. If the student shall withdraw or be absent from college for any reason, there will be no reduction or refund because of failure to occupy the room assigned for that semester. In case of illness or absence for any other reasons from the college for six weeks or more, there will be a proportionate reduction for board provided that notice is given to the Comptroller at the time of withdrawal. Fees cannot be refunded for any reason whatsoever.

As an associate to The Tuition Plan the college is able to extend to parents or guardians the opportunity of paying tuition and other college fees in equal monthly installments during the college year. The additional cost is small. Adoption of this plan is optional and intended solely as a convenience. Details will be furnished on request.

Additional expenses include text books which need not exceed \$25-\$40 a year and a \$10 activities fee which supports the college's extracurricular program. A charge of 50 cents per month per room will be assessed for the use of radios.

## SCHOLARSHIPS

Scholarships are of two kinds, competitive, and those awarded upon merit and individual need. No one scholarship is given for more than one year.

No scholarship will be given to a student who has a condition.

No scholarship will be given to a student whose college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1944-1945, together with supporting letters from parents or guardians should be in the hands of the Dean before Tuesday, April the 4th, 1944.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources. In the majority of cases the College expects work from scholarship students in an amount in proportion to the value of each scholarship.

I. *Corporation Scholarships*.—Sixteen scholarships are awarded at the end of each term, without formal application, to the four students in each class having the highest average grades for the term then closing. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the entrance examinations (see page 23) to those candidates entering by any plan of admission who are judged to be best prepared to do the work of the College. Corporation scholarships are in amount of \$100.00 for the summer term and \$150.00 for the fall and spring terms respectively.

II. *Isaiah V. Williamson Scholarships*.—Three scholarships normally of \$250 each, usually awarded to members of the Senior and Junior classes.

III. *Richard T. Jones Scholarship*.—One scholarship normally of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship normally of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship normally of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship normally of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship normally of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships normally of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship normally of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships*, normally amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships normally of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is usually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This Scholarship of \$200 is awarded on application, preferably to a member of the Freshman Class, who in the opinion of a committee representing the donors and the President of the College shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—Intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse, of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work, a leader in clean and joyous living."

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarships*.—Two or

more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XIX. *Isaac Sharpless Scholarship Fund*.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfillment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XX. *Class of 1917 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XXI. *The Geoffrey Silver Memorial Scholarship*.—A scholarship in the sum of \$500 will be available to a Public School graduate in this general area who may enter Haverford.

Most of the scholarships listed above are permanent foundations. In addition, the New York Alumni maintain a scholarship for competition in the New York metropolitan district. The New England Alumni maintain one Freshman scholarship of \$300 to be awarded annually to a New England boy from a New England school.

## FELLOWSHIPS

*The Clementine Cope Fellowship*, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

*Teaching Fellowships*.—With the remaining funds from the

Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

*Graduate Fellowships.*—For information regarding graduate fellowships, see page 31.

### LOAN FUND

A loan fund is available for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their college course. Federal emergency scholarships for accelerating students are also available.

### EMPLOYMENT BUREAU

There is an Employment Bureau through which students may be put in touch with such remunerative employment as may be available.



# GENERAL INFORMATION

## THE LIBRARY

The Haverford College Library building, located near the center of the campus, illustrates the steady growth of the college in facilities for study and research. The original building, constructed in 1860, now forms the north wing of the Library. To this first structure three successive additions have been made. The latest of these, a commodious Stack and a Treasure Room, was dedicated in April 1941. The Mary Newlin Smith Memorial Garden adjoins the south side of the Library building.

The Haverford Library collection now contains 160,000 volumes. Over four hundred literary and scientific periodicals are taken. Library endowments provide six thousand dollars yearly for the purchase of books. The Library is also a depository of government publications.

With the exception of certain rare books, all volumes in the Library are freely accessible to readers. Though designed especially for the use of officers and students of the college, the Library affords to others the privilege of consulting and, under certain restrictions, of withdrawing books. The Library is open on week days from 8:00 A.M. to 10:00 P.M., and on Sundays from 1:30 to 10:00 P.M. Special hours are arranged for vacation periods.

The Gummere-Morley Memorial Reading Room, decorated and equipped by the Class of 1892, provides a special reading and browsing room for Haverford students.

Rare books and special collections are kept in the Treasure Room, where both permanent and temporary exhibitions are held. The Treasure Room is open from 9 to 5 (Saturdays, 9 to 12).

*Special Collections.* The Quaker collection, containing both books and manuscripts, is probably the most complete in America. It forms a central repository for Friends' literature in this country, and makes Haverford a prime source for the study of the Society of Friends. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles. The Library has recently received a collection of anti-Quaker tracts.

The Charles Roberts autograph collection contains more than 20,000 items, embracing not only autograph letters of authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history.

The Harris collection of ancient and oriental manuscripts contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopian rolls and codices, collected by J. Rendel Harris.

*Cooperative Services.* Haverford maintains a cooperative arrangement with Bryn Mawr and Swarthmore whereby the facilities of the libraries of all three colleges are open to the faculty and students of each of the colleges.

*The Philadelphia Bibliographical Center and Union Library Catalog*, which includes in one alphabetical file a record of all books in over one hundred and fifty libraries of the Philadelphia region, enables users of the Haverford Library to locate books in the largest cooperative catalog in America. The Haverford Library is also a member of *The Philadelphia Metropolitan Library Council*.

*Library Associates.* The newly organized Associates of the Haverford Library is an organization of graduates and friends of the college, devoted to increasing the usefulness of the Library. It serves to bring the facilities of the Library to a wider notice, to make these available to the whole Haverford community, to encourage the making of gifts to the Library, and to aid in the use of the Library for exhibition purposes. Enquiries should be addressed to The Librarian, Haverford College.

## ART COLLECTION

The Haverford Art Collection, including paintings by Pin-torrichio, Whistler, Inness, and Sargent, is displayed in the Library.

## MUSIC ROOM AND CONCERTS

The Alfred Percival Smith Room in the Union building now provides a music center for the college. It contains a new piano, and the Carnegie collection and supplement of recordings. This room is used for informal concerts by the Department of Music. The phonograph and records may be used by students on Wednesday evenings, Saturday afternoons and evenings, and Sunday afternoons and evenings.

The Department of Music offered six public concerts in the summer of 1943, and plans at least four such concerts for the academic year 1943-1944. These concerts, which present both professional artists and organizations, as well as local musicians, are open to students and the Haverford community. The Department of Music is presenting six informal, invitational concerts in the Music Room this season.



## COLLECTION SPEAKERS AND LECTURES

At its weekly Collection on Tuesday mornings at eleven o'clock, the college is addressed by men prominent in civic enterprises, in religion, business, government and education.

Lectures sponsored by departments in the college, especially that of government, are offered at various times throughout the year. Most of these are open to the public.

*The Haverford Library Lectures*, and *The Shipley Lectures*, both endowed lectureships, provide annual speakers. The endowment for the former, a gift from the estate of Mary Farnum Brown, is available "for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as a way may open for it, upon its doctrine and its teaching." The fund for the latter was presented by Samuel R. Shipley, in memory of his father, Thomas Shipley; the income from the Shipley fund is used "for lectures on English literature."

## THE BUCKY FOUNDATION

The Bucky Foundation, which has as its goal the promotion of a spiritually grounded political and economic order, and the training of responsible citizens for such an order, maintains its office in the Haverford Union building. It has sponsored the Constructive Citizenship program, in cooperation with Bryn Mawr and Swarthmore colleges, which has provided training in the U. S. Employment Service for students of Haverford, Bryn Mawr, and Swarthmore. This Foundation provided a symposium at Haverford in June 1943. The foundation is now encouraging the work of Reconstruction and Relief training at Haverford.

## THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for a physician and a nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations

which cannot be made in the infirmary, will be at the expense of the student. For residence in the infirmary beyond the limit of one week the charge is \$3 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard the resident nurse.

## SOCIETIES AND ORGANIZATIONS

*The Students' Association.* This organization is composed of all undergraduates in good standing at Haverford. It is the body for student self-government at Haverford. On its Council are representatives of the four classes, of the student houses, and of publications.

*Phi Beta Kappa.* The Haverford Chapter of the Phi Beta Kappa Society is Zeta of Pennsylvania, chartered in 1898. Elections at Haverford are held for students at the end of the junior year and at the end of the senior year.

*Founders Club.* This Haverford honorary society, established in 1914 as an organization of students, alumni, and faculty, seeks to recognize by election to its membership those undergraduates who combine a sound academic record with noteworthy participation in extra-curricular activities. Elections are usually made from the junior and senior classes, except in unusual cases where sophomores are chosen.

*Cap and Bells Club.* This is the Haverford dramatic organization. Composed of graduates and undergraduates, it sponsors dramatic productions at Haverford. In the past few years it has collaborated with the dramatic clubs of Bryn Mawr and Swarthmore in putting on plays and musical productions.

*Nautical Club.* This group provides intercollegiate racing and general sailing for students who have had some experience and new members who desire to learn to sail. The club owns four dinghies and has accommodations at the Corinthian Yacht Club on the Delaware river. Several intercollegiate meets are held each semester; occasional meets are held at Annapolis, Boston, and the Coast Guard Academy in New London.

*Radio Club.* A campus broadcasting station is operated by this group. Programs are prepared and presented by the club throughout the year.

*Campus Club.* A group of alumni and friends of the college who are interested in preserving and improving the natural beauty of the campus is organized as The Campus Club. The planning is done by an executive committee which meets biannually for the

purpose of laying out new projects. The Arboretum and Woolman Walk were developed and are maintained by The Campus Club.

*Other Organizations.* The following groups are also active at Haverford: Glee Club, Varsity Club, Debate Council, Biology Club, Chemistry Club, Classical Symposium, Engineering Club, International Relations Club, Mathematics-Physics Club.

## PUBLICATIONS

*Official Publications.* The college publishes annually the *Haverford College Catalog*, the President's Report, the Treasurer's Report, the Report of the Librarian and publications of the faculty, and the College Directory.

*The Haverford Review*, published two to three times annually, is an illustrated, graduate magazine, devoted to the interests of the entire Haverford community. It provides a forum for the discussion of the problems and functions of the small liberal arts college in America. Annual subscription \$1. Enquiries should be addressed to The Managing Editor, The Haverford Review, Haverford College.

*The Haverford News*, a student publication, appears weekly during the college year. Each issue contains a section of Alumni news. *The Stack* is a student literary magazine. *The Record*, senior yearbook, is distributed immediately before commencement.



## SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large and increasing number of Haverford College students desire on graduation to enter upon courses of study fitting them for professions. For students desiring intensive preliminary training in engineering, medicine, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools in the country with full standing, and in many cases with advanced credit.

To illustrate this feature of the curriculum there are presented on the following pages sample outlines of study for the four years, preparatory to specialization in Engineering, Medicine, Law, and Business Administration. Similar outlines might be prepared for other professions—Teaching, the Ministry, Journalism, Industrial Chemistry, etc. The student will in all cases consult with the Dean and the professors concerned in his choice of courses.

N.B.—*It is to be understood that each of the outlines following is a sample only, presenting one among many possibilities, and is not intended to be a prescribed program.*

*Preparation for Engineering.*—Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career. A typical four year course in general engineering follows:

**FRESHMAN YEAR**

Principles of Engineering Drawing and Shop Methods  
Engineering Orientation and Surveying  
Inorganic Chemistry and Qualitative Analysis  
Mathematics  
English Composition and Literature  
Foreign Language

**JUNIOR YEAR**

Elements of Applied Electricity  
Alternating Currents  
Thermodynamics  
Fluid Mechanics  
Materials of Engineering  
Advanced Calculus and Differential equations.  
Government and Business  
Introduction to Sociology  
Industry and Society  
Seminar in Engineering

**SOPHOMORE YEAR**

Kinematics of Machines  
Analytical Mechanics  
General Physics  
Calculus  
Elementary Economics

**SENIOR YEAR**

Heat Engineering  
Strength of Materials  
Machine Design  
Special Project in Engineering  
Internal Combustion Engines  
Accounting (or Statistics)  
English Elective  
The Corporation  
Labor Policies and Business Management  
Seminar in Engineering

*Preparation for Medicine.* In consequence of the relatively large number of students preparing for a career in medicine the pre-

medical course has become a distinctive feature of the work of the College. The course is under the direction of the Premedical Committee of the Faculty (see p. 21), the members of which stand ready to advise students on matters of premedical interest. The program of studies includes, in addition to the course in Freshman English and the *limited electives* required for graduation, the courses in the premedical sciences, biology, chemistry, and physics, which meet the requirements for admission to medical school and of the State and National licensing boards. Apart from these requirements a sufficient number of *electives* remain available to enable the student to obtain a well balanced education.

A premedical student will ordinarily major in a science subject but his choice is not restricted, since he can complete the requirements of almost any Major and at the same time meet the medical school requirements for admission. However, he must do better than average work in the premedical sciences in order to qualify for a favorable recommendation by the Premedical Committee. A special Premedical Major is in process of formation.

In the typical premedical program given below, the courses required or specifically advised by most medical schools are starred. The "electives" must be so chosen as to satisfy the college requirements with regard to *limited electives* and concentration in a Major field of study and also to meet any special requirements of the medical school to which application is to be made. In general in order to avoid conflicts between necessary courses and to avoid overloading with laboratory work in the Junior and Senior years, the science courses should be taken in the order and in the years indicated.

## FIRST YEAR

English Composition and Literature\*  
Inorganic Chemistry\*  
General Zoology\*  
Elementary German (or French)\*  
Freshman Mathematics\*

## SECOND YEAR

English Literature\*  
Qualitative and Quantitative Analysis\*  
General Physics\*  
Intermediate German (or French)\*  
Elective

## JUNIOR YEAR

Organic Chemistry\*  
Vertebrate Morphology\*  
Psychology (one term)\*  
Sociology (one term)\*  
Electives

## SENIOR YEAR

Physical Chemistry\*  
Advanced Biology  
Advanced Organic Chemistry\*  
Electives

*Preparation for the Law.*—Even those law schools which require that a person must hold a college degree to be eligible for admission do not usually specify what studies he shall have pursued in his undergraduate course. It is obvious, however, that a choice of electives may be made which will be of great value to the student

later in the study of law and in the practice of his profession. It is recommended that the following courses be included in a student's program. In the case of those advanced courses which are given only in alternate years some variation in this program may be necessary.

#### FRESHMAN YEAR

English Composition and Literature  
Foreign Language, preferably Latin  
A Modern Foreign Language  
Mathematics  
American Federal Government

#### JUNIOR YEAR

Elementary Psychology  
English Constitutional History  
Roman Law  
Government and Business  
Constitutional Law  
Accounting

#### SOPHOMORE YEAR

English History  
Elementary Economics  
Contemporary Legislation  
American, Mediaeval, or Modern European History  
State and Local Government

#### SENIOR YEAR

English Literature  
American, Mediaeval, or Modern European History  
The Corporation  
Government Finance  
Money and Bankng

*Preparation for Business Administration.*—Students planning to continue study at a graduate school of business administration or to engage directly in business should arrange their programs for their Freshman and Sophomore years as above suggested for those planning to study law, but for their Junior and Senior years the following courses are recommended.

#### JUNIOR YEAR

Industry and Society  
Labor Organization and Business  
Management  
Money and Banking  
Accounting  
Introduction to Statistics  
The Corporation

#### SENIOR YEAR

Ethics  
National Income and Investment  
International Trade and Finance  
Government and Business

Students expecting to enter manufacturing industries in any capacity are encouraged to take courses in Chemistry, Engineering, or Physics in order to become acquainted with the general nature of the processes and techniques involved in modern manufacturing.

*Preparation for Public Administration.*—Students who are interested in entering the government service for work in Public Administration should have courses in Elementary Economics, American Federal Government, National Income and Investment, Government Finance, Accounting, Statistics, Public Administration, Constitutional Law, and Government and Business.

Each year the United States Government holds an examination for filling vacancies in the field of Public Administration, which is covered by these courses given by the College.

# COURSES OF INSTRUCTION

The normal course at Haverford College is three hours per week. The laboratory equivalent for a lecture hour is customarily two and one half hours. Exceptions to this general rule are noted, when necessary, in the listing of the particular course.

## ART

GIVEN BY THE HISTORY OF ART DEPARTMENT  
AT BRYN MAWR COLLEGE

The instruction in Art has a twofold objective. On the one hand, the students' appreciation is furthered by close aesthetic analysis of works of art. On the other hand, the history of art is treated as a branch of the humanistic studies and attention is given to the development of Art in itself as well as to its contacts with other human interests.

At Haverford the Carnegie set of reproductions and at Bryn Mawr a large collection of photographs are available as additional illustrative material.

All lectures are illustrated by lantern slides.

### Major Requirements

The undergraduate instruction offered in this department includes three units of undergraduate first and second year work and two and one-half units of advanced undergraduate and free elective courses. Students majoring in the history of art will be required to concentrate in either the field of Mediæval Art, Renaissance Art or Modern Art. For details of the comprehensive examination see the Bryn Mawr College Calendar.

Special work is offered to students recommended by the department for honors in history of art, in either Mediæval Art, Renaissance Art or Modern Art. It involves a scheme of reading and individual conferences and includes the preparation of reports and special examinations.

#### 1. An Introduction to the History of Art. MR. BERNHEIMER, assisted by Miss WADE.

This course is designed to give the student an understanding of art in its philosophic, technical, social and historical aspects, thereby laying a basis for more advanced work in the department. The discussion of general problems will be followed by an analysis of the different periods of art, of the interests that prevailed during them, and of the formal expression given to such interests. At certain points in the course the lectures will be given by guest lecturers from other departments.

#### 2. Italian Art. Miss JENKINS.

The development of the major arts in Italy is traced from the beginnings of the Renaissance in the thirteenth century to the Rococo style of the eighteenth. Architecture and sculpture are considered independently as well as in relation to the stylistic evolution of painting.

### 3. History of European Painting after 1550. MISS JENKINS, MR. BERNHEIMER.

The evolution of painting outside Italy from the middle of the sixteenth century to the French Revolution is traced in the first semester, followed in the second by a consideration of the art movements of the nineteenth and twentieth centuries.

### 4. Romanesque and Gothic Art and Architecture. MR. BERNHEIMER, MISS JENKINS.

An understanding of Christian mediæval art is sought through its roots in religion, philosophy and social conditions. Emphasis is laid on the great cathedrals, studied in their liturgical, iconographic and artistic aspects; while the general development of the Romanesque and Gothic styles is traced from the eleventh to the fifteenth century.

### 5a. Post-Renaissance and Modern Architecture in Europe and America. MISS JENKINS.

A discussion of the varying forms taken by the Renaissance style in combination with the different national building traditions of Europe and the rise of eclecticism in the eighteenth and nineteenth centuries will be followed by an analysis of the advance of structural technique with the machine age and the attempt to formulate an architecture suited to the modern world.

### 6b. Early Mediaeval Art. MR. BERNHEIMER.

The formation of Christian art from the pagan traditions of the antique world, and its subsequent development in the eastern Mediterranean and the Latin West will be traced to the beginning of the Romanesque era in the eleventh century. The arts discussed will include architecture, sculpture, painting, mosaic, illumination and ivory carving.

### 7b. The Art of the Northern Renaissance. MR. BERNHEIMER.

The course covers the development of representative art in the Netherlands, France, Germany, Spain and England from the later fourteenth century to the later sixteenth. Special emphasis is laid upon the International Style, the reawakening of a sense of nature in Flemish painting, and upon the art of Dürer and his contemporaries. The technique and development of the graphic arts are also explained.

[Not to be offered in 1943-44.]

## ASTRONOMY

The William J. Strawbridge Memorial Observatory affords students the means of becoming familiar with a variety of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of three equatorially mounted telescopes, a 10 inch and a  $4\frac{1}{2}$  inch refractor and a 6 inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of  $3\frac{3}{4}$ -inch aperture; a zenith telescope of  $2\frac{1}{4}$ -inch aperture; a spectrohelioscope; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; two sidereal clocks; a chronograph by Bond; and other instruments. The astronomical library is housed in the Observatory.

### Major Requirements

Either Astronomy 1a and 2b or Astronomy 3, and four one term courses to be



chosen from Astronomy 5a, 6b; 7a, 8b; 9a, 10b. Three courses to be chosen from Mathematics 2, 3 and Physics 2, 3.

A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

**1a. Descriptive Astronomy.—MR. GREEN.**

A culture class open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems. No fee.

**2b. Celestial Navigation.—MR. GREEN and MR. MACINTOSH.**

The determination of position and course at sea and in the air by trigonometric, graphical, and tabular methods. Mathematical aspects of piloting, such as the problems of interception and of return to a moving base, will be emphasized. Sextant observations will be taken and reduced. Prerequisite, *Plane Trigonometry*. A fee of \$7.00 per semester is charged.

**3. Descriptive and Practical Astronomy.—MR. GUMMERE.**

This course covers the same ground as Astronomy 1a, together with practical work in the Observatory.

Use of sextant, transit, and equatorial; determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Prerequisite, *Plane Trigonometry*. A fee of \$4.00 per semester is charged.

**5a, 6b. Observational Astronomy.—MR. GREEN.**

The subject matter will be chosen to meet the needs of the students. Prerequisite, *Astronomy 3*. A fee of \$7.50 per semester is charged.

**7a, 8b. Celestial Mechanics and Orbit Determination.—MR. GUMMERE.**

An introduction to mathematical astronomy. Prerequisite, *Mathematics 3*, or in conjunction with *Mathematics 3*. No fee.

**9a, 10b. Astrophysics.—MR. GREEN.**

A study of the state of matter in interstellar space, in the atmospheres of the stars and in their interiors. Prerequisites, *Physics 2* and *Mathematics 2*. No fee.

## BIBLICAL LITERATURE

The courses in this department are designed to cover broadly the history, literature and religion of the Bible with their backgrounds in the culture in which they developed and to which they contributed. Additional courses are offered in the ancient history of the Near East, the Hebrew language, and comparative religion. Sufficient scope is thus provided to meet the varied interests of students electing courses in the department and to offer either introductory or advanced work.

A gift enabled the late Professor Grant to make a series of five field excavations at a site in Palestine, the archaeological yields of which are exhibited in the Beth Shemesh Museum, third floor of

Sharpless Hall. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

### Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible; and the religious and moral life of the Hebrews, Jews, and Christians.

#### 1a. Introduction to the Old and New Testaments.—

The literature of the Bible with its historical background.

#### 2b. The Rise of Christianity.—MR. FLIGHT.

A study of the background, early development and spread of the Christian movement as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and to the third century.

[Not to be offered in 1944-45.]

#### 4b. Development of Christian Thought within the Bible.—MR. FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

[Not offered in 1943-44.]

#### 5a. Ancient History of the Near East.—MR. FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

(Also called History 8a.)

#### 6b. Comparative Religion.—MR. FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

#### 8b. The English Bible.—MR. FLIGHT.

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

(Also called English 8b.)

[Not to be offered in 1943-44.]

#### 9a or 10b. Biblical and Oriental Conference.—MR. FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, other work in the department, in which a grade of B has been attained.

#### 11. Hebrew.—MR. FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.

[Not offered in 1943-44.]

## BIOLOGY

The Department of Biology offers courses for students who wish to enter medical school, for students who wish to continue bio-

logical studies after graduation in graduate school, teaching, or conservation, and for students who wish a general knowledge of plants and animals.

Most medical schools require General Zoology for admission. Vertebrate Morphology is required by some and advised by others. General Botany is required by a few. Most graduate schools require, as a prerequisite for work in Biology, a reading knowledge of French and German, Chemistry 2, Physics 1 or 2 (or Geology 1, depending on the student's field of interest), and at least Biology 1 and 2. For advanced experimental Biology, Chemistry 4 may be necessary.

A gift from the class of 1915 enables the department to house and display the extensive collections of the college so that they are available to anyone interested in the natural history of the Philadelphia area.

### Major Requirements

Biology 1, 2a, 7, 8b and one of 3, 4, and 5.

Two courses chosen from Physics 1, 1-2, or 2, Chemistry 2, Math., 13a, and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required to be passed. This examination will be partly written (approximately 4 hours), and partly oral.

#### 1. General Zoölogy.—Four hours. MR. HENRY and MR. EVANS.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week. A fee of \$8.00 per semester is charged.

#### 2a. General Botany.—Four hours. MR. HENRY.

The fundamental principles of Botany and the application of plant science to human welfare are discussed in the lectures. The laboratory work consists of a study of the morphology, physiology, and life history of representatives of the principal groups of plants. This is a brief course designed to fit the needs of the student not majoring in science. A fee of \$7.50 per semester is charged.

#### 3. Vertebrate Morphology.—MR. HENRY, MR. EVANS.

The laboratory work of this course includes the dissection of the principal types of vertebrates. The lectures deal with the origin, status, and evolution of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$9.00 per semester is charged.

#### 4. Local Flora.—MR. HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2a* and *8b*. A fee of \$7.50 per semester is charged.

[Not offered in 1943-44.]

### 5. Entomology.—MR. HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification and permanent mounts are made of many of them. The preparation of local collections is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

### 7. Evolution, Heredity, and Other General Biological Problems.—MR. DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on current biological matters, especially students of Sociology, Philosophy and History, and of other Sciences. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors. A fee of \$7.50 per semester is charged. [Not offered in 1943-44.]

### 8b. Systematic Botany.—MR. HENRY.

This course, a continuation of *Biology 2a* consists of a systematic study of the major plant groups. Prerequisite, *Biology 2a*. A fee of \$7.50 is charged.

### 10. Seminar Courses.—Required of candidates for Honors in Biology.

Open only by permission of the Instructor.

Vertebrate Zoology—Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*, *Biology 3* or with *Biology 3*. MR. DUNN.

Advanced Morphology—Study of morphological problems in animals. Prerequisite, *Biology 3*. MR. DUNN.

Ecology and Distribution—Problems of habitat relationships or geographical relationship of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2a* and 8b. MR. DUNN, MR. HENRY and MR. EVANS.

Genetics—Problems of Genetics. Primarily for Graduate Students. MR. DUNN

Advanced Botany—Studies in comparative anatomy of plants. Prerequisite, *Biology 2a*, 4, 8b. MR. HENRY. No fixed fee.

## CHEMISTRY

The courses required for the Chemistry Major are designed to give the student a comprehensive knowledge of the fundamentals of chemistry which will qualify him for entrance to medical school or for non-professional chemical work. A student who plans to enter medical school should take, regardless of the department in which he majors, Chemistry 1 (or its equivalent), 2, 3, 4, and 5.

Haverford College has been placed by the American Chemical Society on the approved list of institutions for the training of professional chemists. For a departmental recommendation for graduate work in chemistry, or a position as professional chemist, a student must complete the following courses in chemistry and other subjects: Chemistry 1 (or its equivalent) 2, 3, 4, 5, 11a or 12b, 13a, 14b, 15a, and an additional half-year course in chemistry; Mathematics 2; Physics 2; German 2.

### Major Requirements

Chemistry 1 (or its equivalent), 2, 3, 4, 5 and an additional half-year course in chemistry, and two courses in related departments. The major examination will cover the chemistry courses listed above.

Seniors majoring in the department will meet during the second half-year with members of the staff for a critical discussion of the chemical principles studied in the courses and of the applications of these principles.

Candidates for final honors in chemistry are required to take during the Junior and Senior years at least four of the short courses offered by the Department such as: Chemical German reading, history of chemistry, glassblowing, chemical industry, physiological chemistry, the chemistry of the rarer metals, and special topics in inorganic chemistry.

#### 1. Introductory General Chemistry.—MR. MELDRUM.

Primarily for Freshmen and Sophomores who have not had chemistry in preparatory school. Additional reading required of Juniors and Seniors.

Lectures and laboratory work dealing with the preparation, properties, and uses of the more common elements and their compounds; fundamental laws and theories; and the general principles of chemistry applied to industrial processes. A fee of \$5.00 per semester is charged.

#### 2. Theoretical Inorganic Chemistry and Qualitative Analysis.—Four hours. MR. MELDRUM and MR. ELKINTON.

Primarily for Freshmen and Sophomores who have had chemistry in preparatory school or who have passed Chemistry 1. Fundamental laws and theories. Reaction velocity and equilibrium. Theories of ionization and atomic structure applied to explain solution and electrolytic phenomena and the mechanism of chemical reactions. Qualitative analysis using semimicro methods constitutes the laboratory work. A fee of \$6.00 per semester is charged.

#### 3. Quantitative Analysis.—Four hours. MR. MELDRUM.

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods of analysis. In the laboratory, typical methods are applied. Prerequisite, *Chemistry 2* and *Mathematics 1*. A fee of \$6.00 per semester is charged.

#### 4. Organic Chemistry.—Four hours. MR. JONES.

A study of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, *Chemistry 2*. A fee of \$6.00 per semester is charged.

#### 5. Physical Chemistry.—MR. JONES.

A systematic study of the principles of physical chemistry, including the ideal gas, real gases, liquids, solids, solutions, electrical conductivity, electromotive force, hydrogen ion concentration, reaction velocity, homogeneous and heterogeneous equilibria, adsorption, catalysis and colloids. Prerequisite, *Chemistry 3*. Laboratory work required in the case of those who plan to be A. C. S. chemists only. A fee of \$6.00 per semester is charged those taking the course who wish laboratory work.

#### 11a. Chemical Thermodynamics.—MR. CADBURY.

A detailed study of the first and second laws of thermodynamics and their consequences; the application of these laws to chemical systems. The development and use of the third law. Prerequisite, *Chemistry 2*, *Mathematics 2* and either *Chemistry 5* or *Physics 2*. No fee.

#### 12b. Advanced Physical Chemistry.—MR. CADBURY.

Dipole moments, the parachor and spectra. Modern theories of solutions. Reaction kinetics. Photochemistry. Prerequisite, *Chemistry 5*, and *Mathematics 2*. No fee.

**13a. Advanced Organic Chemistry and Qualitative Organic Analysis.—MR. JONES.**

A study of stereochemistry, carbohydrates, proteins, amino acids, and special reactions. The identification of organic substances by classification reactions and by the preparation of derivatives constitutes the laboratory work. Prerequisite, *Chemistry 4*. A fee of \$6.00 per semester is charged.

**14b. Organic Syntheses.—MR. JONES.**

A study of organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry. Prerequisite, *Chemistry 4*. A fee of \$7.50 per semester is charged.

**15a. Advanced Quantitative Analysis.—MR. MELDRUM.**

A systematic study of methods for the quantitative determination of the elements. The laboratory work includes the Carius method for halogen, the determination of carbon and hydrogen by combustion, the analysis of fuel gas, and electrolytic analysis. Prerequisite, *Chemistry 3*. A fee of \$6.00 per semester is charged.

**17a, 18b. Chemistry Research.—MR. MELDRUM, MR. CADBURY, and MR. JONES.**

Open only to Senior chemistry majors and graduate students in chemistry. May be elected as one or more courses. No fixed fee.

**21a, 22b. Special Topics in Theoretical Chemistry.—MR. MELDRUM. No fee.**

Open only to graduate students.

*Chemistry 1a, 2a, 3a, 4a, 11a, 12b, 13a, and 17a* were given in the summer of 1943.

## ECONOMICS

The instruction in Economics is intended primarily to give students an understanding of the working of modern economic society. The advanced courses are designed to give a liberal education and to arouse an informed interest in public affairs, as well as to meet the needs of men going into business or finance, or going on to graduate work in economics or business administration. Several of the advanced courses are designed to be of special value to men planning to enter the foreign service or other fields of government work, or going into journalism or law. A number of the courses acquaint the student with source material in the college library and elsewhere, and with research methods in economics, and give practice in the preparation of analyses and reports.

Men majoring in Economics should take supporting work in the fields of Government, History, and Sociology, and are encouraged to take *Introduction to Statistics*, offered by the Department of Mathematics. *Mathematics 1* is a prerequisite to *Statistics*.

*Economics 1* is elective for Sophomores and is a prerequisite to all other courses in Economics. It may be taken by Freshmen with the permission of the Dean, and by Juniors and Seniors with the permission of the professor in charge.

### Major Requirements

Economics 1, 3a, 9a, 13a, and three other half-year courses in Economics. Mathematics 13b (Introduction to Statistics) may be considered as one such half-year course.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the major courses and the readings. A part of the comprehensive examination may be oral.

#### 1. Elementary Economics.—MR. TEAF.

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present day problems.

#### 3a. Money and Banking.—MR. HUBBARD. (At Bryn Mawr College.)

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, and central banking and the Federal Reserve System are considered.

#### 4b. International Trade and Finance.—MR. FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness.

[Not offered in 1943-44.]

#### 5a. Industry and Society.—MR. WATSON.

See *Sociology 5a*.

#### 6b. Labor Policies and Business Management.—MR. PANCOAST.

See *Sociology 6b*.

#### 8b. Government Finance.—MR. HERNDON.

See *Government 8b*.

#### 9a. Accounting.—MR. TEAF.

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

#### 10b. The Corporation.—MR. TEAF.

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 9a*.

#### 11a. Government and Business.—MR. TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations.

Also called *Government 11a*.

**13a. National Income and Investment.—MR. FETTER.**

A study of the meaning of national income and the methods of measuring it; its distribution in the United States; the economic effects of the allocation of national income as between consumption, investment, and hoarding; the significance of investment in the modern economy; the effects of governmental policy upon income distribution.

Enrollment limited. A seminar course intended primarily for economics majors, but also open to qualified students from other departments.

[Not offered in 1943-44.]

**14b. Seminar in Economic Problems.—MR. FETTER.**

This seminar will deal with an economic problem of current importance, with emphasis on the relation between economic analysis and the formulation of public policy.

The subject of the course may shift from year to year, or the same topic may be continued for several years, depending on developments in world economic affairs. In case of a shift in the subject matter of the course, it may be repeated for credit.

In 1942-43 the course will deal with selected economic problems of Latin America, including raw materials, industrialization, monetary stabilization, international indebtedness and commercial policy. As a background for the economic problems, the course will include a brief survey of the history and political organization of Latin America. Enrollment limited.

[Not offered in 1943-44.]

**15a, 16b. Seminar.—Hours to be arranged. MR. FETTER and MR. TEAF.**

Readings, reports, and conferences on selected topics, to meet the individual needs of graduate students. Advanced undergraduate students may enroll for this course after specific arrangement with the chairman of the department.

**Economics 17a. Readings in Foreign Economics. MR. FETTER.**

This course is to train men in the reading of economic literature in foreign languages, and to familiarize them with current economic publications and with the principal economic journals and sources of commercial and statistical information appearing in foreign languages. Intended primarily for economics majors, but qualified men in other fields will be admitted.

The course will be given as demand warrants, with reading in French, German, or Spanish to meet the needs of individual students. Men admitted to the course ordinarily must have the equivalent of two years of college study in the language to be covered, but by special permission a man with only one year may be admitted.

[Not offered in 1943-44.]

Economics 9a was offered in the summer of 1943.

**ENGINEERING**

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger



engineering colleges. Those who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The engineering courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing offices, classrooms, drawing rooms, a departmental library, mechanical and electrical laboratories, locker rooms, etc.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

A typical selection of courses for those majoring in engineering is outlined on page 52.

The specific courses offered by the department are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in charge. *Engineering 13a, 14b and 23a, 24b* may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

### Major Requirements

Engineering 1a, 2b, 7a, 8b, 13a, 14b, 15a, 16b

Chemistry 1 or its equivalent, Mathematics 2, Physics 2 and two additional half year courses from Engineering, Mathematics, Physics or Chemistry.

An active interest in current professional work.

Engineering seminar and comprehensive examination.

**1a. Principles of Engineering Drawing and Shop Methods.—MR. HETZEL, MR. HOLMES and MR. RANTZ.**

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking, and blue printing. Text: French, *Engineering Drawing*, and French and McCully, *Engineering Drawing Sheets*. Woodworking, pattern and foundry work in shop. Inspection trips. A fee of \$7.50 per semester is charged.

**2b. Engineering Orientation, Surveying and Shop Methods.—MR. RITTENHOUSE, MR. HOLMES, MR. HETZEL and MR. RANTZ.**

The purpose of this course is to inform students as to the nature and scope of various fields of engineering and to acquaint them with typical engineering equipment and problems. Exercises in machine-tool work, in plane surveying and in the mechanical and electrical laboratories. Discussions and reports. Inspection trips. A fee of \$7.50 per semester is charged.

**3a or 4b. Descriptive Geometry.—MR. HOLMES.**

Advanced orthographic projections; applications to engineering structures. Theory and plates. A fee of \$5.00 per semester is charged.  
[Not offered in 1943-44.]

**5a. Shop Methods.—MR. RANTZ.**

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Reference reading and reports on modern production methods, costs and time studies. A fee of \$7.50 per semester is charged.

**7a. Kinematics of Machines.—MR. HETZEL.**

Velocity and acceleration analysis of mechanisms; cams, belts and chains, gears, etc. Occasional inspection trips. Text: Keown and Faires, *Mechanism*, and Headley, *Problems in Kinematics*. A fee of \$5.00 per semester is charged.

**8b. Analytical Mechanics.—MR. HETZEL.**

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Prerequisite or parallel course, *Mathematics 2*. No fee.

**10b. Materials of Engineering.—MR. HOLMES.**

A study of the production and engineering properties of metals, their alloys and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals, hardness testing, etc. Text: Mills, *Materials of Construction*. Inspection trips. A fee of \$7.50 per semester is charged.

**11a. Fluid Mechanics.—MR. HOLMES.**

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. A fee of \$5.00 per semester is charged.

**12b. Thermodynamics.—MR. HOLMES.**

Energy, gas laws, vapors, mixtures of gases and vapors, flow of fluids, theoretical and actual thermodynamic cycles for power and refrigeration. No fee.

**13a. Elements of Applied Electricity.—MR. RITTENHOUSE.**

This course, while fundamental to the more advanced electrical courses, is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, d.c. and a.c. generators and motors, lamps, heaters, etc. The instruction is carried on by textbook and laboratory work. Text: Cook, *Elements of Electrical Engineering*. A fee of \$7.50 per semester is charged.

**14b. Alternating Current Theory and Practice.—MR. RITTENHOUSE.**

A continuation of course 13a, with a more detailed study of alternating currents including power, electronics and communication apparatus. A fee of \$7.50 per semester is charged.

**15a. Heat Engineering.—Four hours. MR. HOLMES.**

This course includes a study of steam and gas engines, turbines, condensers air-compressors, steam boilers, power-plant economies, and cost of power. Text: Severns and Degler, *Steam, Air and Gas Power*.

One laboratory period a week is required. The laboratory exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analysis, calibration of instruments, etc. Comprehensive reports for each test are required. Inspection trip. A fee of \$7.50 per semester is charged.

**16b. Strength of Materials.—MR. HOLMES.**

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*. Inspection trips. A fee of \$7.50 per semester is charged. Prerequisite, *Engineering 8b*.

**17a. Electronics.—MR. BENHAM.**

Lectures, problems and laboratory work covering fundamental principles, vacuum and gas tubes, photo-electric devices, etc. See *Physics 15a*.

**18b. Internal Combustion Engines.—MR. HETZEL.**

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. No fixed fee.

**21a or 22b. Mechanical Laboratory.—MR. HOLMES and MR. HETZEL.**

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work per week with reports on each test. If taken as 21a, the course may be continued through the second half-year by arrangement. Prerequisite, *Engineering 15a*. Assigned reading and comprehensive reports. A fee of \$7.50 per semester is charged.

**23a. Electrical Circuits and Measurements.—MR. RITTENHOUSE.**

Circuit theory and laboratory work covering magnetic, inductive, capacitive and polyphase circuits; transients, non-sinusoidal voltages and currents. Text: Weinbach, *Alternating Current Circuits*. A fee of \$7.50 per semester is charged.

**24b. Electrical Theory and Experimentation.—MR. RITTENHOUSE and MR. BENHAM.**

Special topics in electronics, communications and power. This course will be suited to the needs of a limited number of students electing it. Prerequisite, *Engineering 14b or 17a*.

**25a, 26b. Special Projects in Engineering.—MR. RITTENHOUSE, MR. HOLMES and MR. HETZEL.**

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading or experimental work and reports on some particular topic. No fixed fee.

**27a, 28b. Machine Design.—MR. HETZEL.**

A study of the design of machine elements followed by a comprehensive design project in which a complete machine will be designed and detail working drawings made. Open to Senior engineering majors. Text: Faïres, *Design of Machine Elements*. No fixed fee.

Engineering 7a was offered in the summer of 1943.

**ENGLISH LANGUAGE AND LITERATURE**

The department believes it essential to insure that all undergraduates are prepared to use the English language efficiently in their college courses, regardless of the nature of those courses. Freshmen, therefore, are required to prove their ability in this respect.

It believes further that it must provide a general cultural background for those students whose interests are chiefly scientific or technical. It offers, therefore, intermediate courses in English and American literature.

It believes, finally, that it must provide courses for students

who intend to do graduate work in literature or related fields. It offers, therefore, advanced courses designed both in content and method to train students with serious special interests.

The department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Considerable freedom is possible for the individual student after appropriate consultation.

### Major Requirements

An individual program equal to six courses of two terms each, made up principally from the advanced English courses with the approval of the Major Supervisor, and stressing the Elizabethan and nineteenth-century literature.

#### 1a. Methods and Techniques of College Work.—MR. GIBB.

#### 2b. Types of English Literature.—MR. SARGENT and MR. SNYDER.

An analysis of drama, poetry, fiction and expository prose.

#### 3a. Advanced Freshman English.—MR. GIBB. [Incorporated into English 4b, 1943-1944.]

Elective for those students who satisfy the instructor and the administration of their eligibility for advanced work. Limited to eight.

#### 4b. Intermediate Composition.—MR. GIBB.

A practical course in exposition and argumentation, written and oral, for Seniors, Juniors, Sophomores and Freshmen. Individual conferences to promote clear and logical presentation of difficult material. Limited to twenty. Apply in advance.

#### 8b. The English Bible.—MR. FLIGHT.

(See Biblical Literature 8b.)

#### 11b. Shakespeare.—Hours to be arranged, second half-year. MR. SARGENT.

Reading and study of twelve plays with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

#### 12a. Contemporary Drama.—MR. SNYDER.

A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

#### 14b. American Literature to the Civil War.—MR. SNYDER.

[Not offered in 1943-44.]

#### 21b. Nineteenth-Century Prose Writers.—

A reading course with conferences and occasional lectures on novelists from Austen to Hardy and essayists from Lamb to Morris.

[Not offered in 1943-44.]

#### 22b. Nineteenth-Century Poets.—MR. SNYDER.

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

#### 23. Elizabethan Literature.—MR. SARGENT.

Chief writers of the English Renaissance, omitting Shakespeare. Verse, prose and drama. Prerequisite, English 11b.

**26b. Eighteenth-Century Literature.—MR. SNYDER.**

The age of Johnson.

**27a. Greek Literature in English.—MR. POST.**

(See *Greek 27a.*)

**28a. Creative Writing.—MR. SARGENT.**

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion and personal conferences. Limited to twelve Juniors and Seniors.

[Incorporated into English 4b, 1943-44.]

**30b. Chaucer.—MR. SARGENT.**

Some introduction to the study of Middle English, but main emphasis upon analysis of the literary qualities of *Troilus and Criseyde* and *The Canterbury Tales*.

**32b. Contemporary English and American Literature.—MR. SARGENT.**

Selected twentieth-century writers, from Conrad and Crane to the present. Fiction, verse and criticism. Emphasis on development and treatment of literary problems in this period. Prerequisite, two half-courses in English beyond the Freshman year.

[Not offered in 1943-44.]

**34a. Debating and Public Discussion.—**

[Not offered in 1943-44.]

**41a. Special Topics in Prose of the Romantic Period.**

Limited to twelve. Apply in advance.

[Not offered in 1943-44.]

**42b. Special Topics in Poetry.—**

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Limited to twelve. Required of all English Majors. Apply in advance.

[Not offered in 1943-44.]

**43a. Methods of Literary Scholarship.—**With special reference to Shakespeare. M. 7:30-9:30 P.M. and by appointment, first half-year. MR. SARGENT.

A study of the aims, problems and methods of research in English literature by means of a survey of types of Shakespearean scholarship. Bi-weekly reports, and one piece of original investigation. Required of all English Majors. Apply in advance. Limited to twelve.

[Not offered in 1943-44.]

English 1a, 2b, 11a, and 42b were offered in the summer of 1943.

## GEOGRAPHY AND GEOLOGY

**1. Geography and Geology.—MR. DUNN.**

A discussion of the general principles of the sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

[Not offered in 1943-44.]

**2. Climate, Weather, and Terrain.—MR. DUNN.**

[Not offered in 1943-44.]

## GERMAN

1, 2, 3, and 9a [10b] are primarily language courses. The remaining courses are devoted primarily to the history of German literature, or to the intensive study of special periods or authors. The courses in literature are open to Juniors and Seniors, and to especially well qualified Sophomores.

Scientific German texts may be read as regular collateral assignments in German 2 and German 3.

Opportunity is given to students who complete German 1 or German 2 with distinction to advance rapidly into higher courses by passing a special examination in September on a prescribed program of vacation reading.

**Major Requirements**

German 3, 5a, 6b, 9a [10b], 11a, 12b, 13a, 14b, 15a.

Supporting courses to be arranged in conference with MR. KELLY.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 1517-1914; and 5. A special period, literary movement, or author.

**1. Elementary German.—MR. KELLY and MR. PFUND.**

Grammar, conversation, and the reading of simple texts.

**2. Intermediate German.—MR. KELLY and MR. PFUND.**

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. So far as practicable German is the language of the classroom. Scientific German may be chosen as collateral reading.

**7a. Intermediate German.—MR. KELLY.****3. Advanced German.—MR. PFUND.**

Reading of standard works of German literature. Composition and Conversation. The collateral reading may be done in literary or scientific German. Prerequisite, *German 2* or entrance *German 3*.

**5a. The Beginnings of Modern German Literature.—**A study of Lessing and the early works of Goethe and Schiller. Hours to be arranged, first half-year. MR. KELLY.

Prerequisite, *German 3* or the equivalent.

[Not offered in 1944-45.]

**6b. The Classical Period of German Literature.—**A study of the mature works of Goethe and Schiller. Hours to be arranged, second half-year. MR. KELLY.

Prerequisite, *German 5a* or the equivalent.

[Not offered in 1944-45.]

**9a or 10b. Advanced Composition and Conversation.—MR. PFUND.**

Prerequisite, *German 3* or the equivalent.

**11a. History of German Literature** from its origins to the seventeenth century. MR. PFUND.

Lectures in German, with collateral reading in modern German translation. Discussions. Written and oral reports.

Prerequisite, *German 3*.

**12b. History of German Literature** from the seventeenth century to the present. Suggested hours, Tu. 7:30-10 p.m., second half-year. MR. PFUND.

A survey course with lectures in German. Collateral reading. Discussions. Written and oral reports.

Prerequisite, *German 3*.

**13a. German Romanticism.**—Hours to be arranged, first half-year. MR. KELLY.

A study of the Romantic movement in Germany and its relations to similar movements in England and France.

Prerequisite, *German 3*.

[Not offered in 1943-44.]

**14b. The German Drama of the Nineteenth Century.**—MR. KELLY.

[Not offered in 1943-44.]

**15a. Faust.**—MR. PFUND.

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature.

**17a. The Life and Works of Richard Wagner.**—MR. KELLY.

**18b. German Lyric Poetry.**—MR. PFUND.

**1 R & R. Elementary German.**—See Reconstruction and Relief.

German 1, 2a, and 3a were offered in the summer of 1943.

## GOVERNMENT

Courses in Government are designed with three purposes: to provide an understanding of the philosophy behind and the evolution of political ideas; to study contemporary forms and processes of local, state, national, and international government; to provide training for students entering public service, journalism, or the law.

### Major Requirements

Government 3a, 4b, 17a, and 18b.

Any four other courses of one term each in Government.

Any four other courses of one term each in any of the social sciences.

A three-hour examination in political philosophy.

A four-hour examination in other courses taken in the Department of Government.

**2b. Government and Economic Resources.**—MR. PANCOAST.

A study of the basic geographical factors which have influenced political policies, governmental institutions, and economic adjustments.

**3a. American Federal Government.**—MR. HERNDON.

A study of the origin and structure of the American Federal governmental system.

This course is intended primarily for Freshmen and Sophomores, and is a prerequisite for higher-numbered courses in this department.

**4b. American Public Administration.**—MR. HERNDON.

A study of the functioning of the American Federal governmental system, including its participation in the program of the United Nations.

[Not offered in 1943-1944.]

**5a. Contemporary Legislation.—MR. HERNDON.**

A study of the technique of legislation and an analysis of certain selected bills currently before Congress.

[Not offered in 1943-1944.]

**8b. Government Finance.—MR. HERNDON**

A study of the general principles of public revenues, public expenditures, public indebtedness, fiscal administration, and of the principles of equity in the distribution of tax burdens. Prerequisite, Government 3 or Economics 1.

Also called Economics 8b.

**9a. Constitutional Law.—MR. HERNDON.**

A study of the principles of constitutional interpretation and of the leading decisions of the Supreme Court. This course also includes readings in selected works on constitutional development and lectures on the essentials of jurisprudence.

**10b. State and Local Government.—MR. HERNDON.**

A study of the structure and administration of state and local government, with special reference to: Pennsylvania; Montgomery, Delaware, and Philadelphia Counties; Haverford and Lower Merion Townships.

[Not offered in 1943-1944.]

**11a. Government and Business.—MR. TEAF.**

See Economics 11a.

**13a. American Foreign Policy.—MR. HERNDON.**

A study of the basic foreign policies which have evolved in the experience of the United States, and the adaptations which have been found necessary in recent times.

**15a. Development of Political and Economic Problems.—MR. STINNES, assisted by MR. PANCOAST.**

A lecture and seminar course on the more significant economic and social problems growing out of the Reformation, American and French Revolutions, and the Industrial Revolution.

[Not offered in 1943-1944.]

**16. Totalitarian Governments.—MR. CHAMBERLAIN.**

A lecture and seminar course on the philosophy underlying the governments of Italy, Germany, Russia, and Japan.

**17a. The Development of Political Thought.—MR. MORLEY, assisted by MR. HERNDON.**

A seminar course based upon the writings of selected political philosophers from Plato to the present day.

**18b. Planning for the Post-War World.—MR. STINNES.**

A seminar course based upon study of the principal plans now being considered for the political organization of the states of the World after conclusion of the present war.

Students interested in taking certain courses offered by the Faculty in Politics of Bryn Mawr College should consult MR. HERNDON.

Government 10b was offered in the summer of 1943.

**GREEK**

Instruction in Greek aims from the outset to introduce the student to the thought and culture of ancient Greece. Greek language



is important for its relations to other European languages and for its effect on modern scientific terminology, particularly in medicine.

Greek literature and thought have always been an important force in the modern world; in connection with their study the recurring principles of behavior, statecraft, philosophy, and drama are stressed.

### Major Requirements

Greek 3, and four half-year courses from Greek 7a, 8b, 9a, 10b, 11a, 12b, 27a, and History 13a.

Three additional courses to be arranged in conference with Mr. Post.

If Greek 3 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history and Greek civilization.

#### 1. Elementary Greek.—MR. POST.

Thorough study of the elements of the language followed by the reading of simple Attic prose. This course should be taken in Freshman year, if possible.

#### 2. Intermediate Greek.—MR. POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

#### 3a, 4b. Advanced Intermediate Greek.—MR. POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

#### 7a, 8b. Advanced Greek.—MR. POST.

The instructor will arrange with students electing this course for systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

#### 9a, 10b. Advanced Greek.—MR. POST.

A continuation of the work done in *Greek 7a, 8b*.

#### 11a, 12b. Advanced Greek Prose Composition.—MR. POST.

This course should be taken by all candidates for final honors in Greek.

#### 27a. Greek Literature in English.—MR. POST.

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Also called English 27a.

## HISTORY

The study of History provides a background against which many current problems may be viewed to advantage, and it tends to develop critical standards for the evaluation of evidence. It is further important as a foundation for professional studies in fields such as journalism and the law.

### Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History, other than History 1 and 8a.

Two full-year courses or their equivalent in related departments.

Four review examinations of three hours each.

**1. English History.—MR. LUNT.**

A survey of political, constitutional, economic, and social history, intended as an introductory course.

**2. Foundations of the United States, 1492-1865.—MR. DRAKE**

Lectures, reading, and discussion in American colonial and early national history. Elective for undergraduates who have been in residence two terms.

**3. National Development of the United States, 1865 to the Present.—MR. DRAKE.**

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course. Elective for undergraduates who have been in residence two terms.

[Not offered in 1943-44.]

**4. English Constitutional History.—**

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for undergraduates who have been in residence two terms.

[Not offered in 1943-44.]

**5. Mediaeval History.—MR. LUNT.**

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for undergraduates who have been in residence two terms.

[Not offered in 1943-44.]

**6. Modern European History.—MR. LUNT.**

A survey of the history of Europe from about 1500 to the present. Elective for undergraduates who have been in residence two terms.

**8b. Ancient History of the Near East.—MR. FLIGHT. (Also called Biblical Literature 5a.)**

Elective for undergraduates who have been in residence two terms.

**13a. Greek History.—MR. H. COMFORT.**

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required.

Elective for undergraduates who have been in residence two terms.

[Not offered in 1943-44.]

**14b. Roman History.—MR. H. COMFORT.**

A survey of Roman history to the time of Constantine. Frequent class reports on special topics. A knowledge of Latin is not required.

Elective for undergraduates who have been in residence two terms.

## HUMANISTIC STUDIES

**1a, 2b. MR. POST.**

This course is designed to introduce students to the life and literature of the Far East through the use of translations and to develop their mastery of a major field and of expository writing. G. Nye Steiger, *A History of the Far East*, is recommended for supplementary reading. Essays weekly or biweekly for discussion at individual meetings with the instructor. It may be taken as one or two half-courses in either half-year by a limited number of students who will be admitted only after a personal interview and only if there is still room for them when they apply to the instructor.

## LATIN

The courses in Latin supplement the intensive foundation work of the secondary school by means of more extensive reading over a wider range of literature, illustrating successive eras of culture from the third century B.C. to the sixteenth century A.D. By inculcating a fuller knowledge of the Latin language as a tool, the same courses open the door to a better command of English, Romance languages, philosophy, and history.

**Major Requirements**

Four full-year courses in Latin (not including 1, 3, 5a, and 6b).

Two such additional full-year courses in other departments as are arranged in conference between the student and the professors in charge.

A comprehensive written examination on Roman history, literature, and civilization, and the classical heritage of medieval and modern times. Candidates for honors must also take an oral examination.

**1. Elementary Latin.—MR. H. COMFORT.**

Grammar, reading, composition. Prepares students for Latin 3.

**3. Cicero.—MR. LOCKWOOD.**

*Orations* of Cicero and readings in other prose authors.

**5a, 6b. Vergil.—MR. H. COMFORT.**

Six books of Vergil's *Aeneid* and readings in other Roman poets.

**7. Survey of Classical Roman Literature.—MR. LOCKWOOD.**

Rapid reading of classical authors from Plautus to Suetonius. Emphasis will be laid on literary history and appreciation. Text: Lockwood, *A Survey of Classical Roman Literature*.

*Any of the following higher courses may be repeated, with change of content, for full credit.*

**9a, 10b. Readings in Latin Literature.—MR. LOCKWOOD and MR. H. COMFORT.**

Individual work. Each student may select a field of writing which is correlated with his other college courses (e.g. in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in Latin 7 or 11.

**11. Survey of Medieval Latin Literature.—MR. LOCKWOOD.**

Rapid reading of selections from the post-classical, Christian, and medieval Latin writers. Study of the phases of European civilization represented in Latin literature.

**13a, 14b. Advanced Prose Composition.—MR. LOCKWOOD.**

Either 13a or 14b is required of candidates for Final Honors.

**17. Roman Law.—MR. LOCKWOOD.**

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

## MATHEMATICS

Freshman mathematics is designed to provide that background of trigonometry, algebra and analytic geometry which is necessary

for any serious student of the physical or social sciences and which is culturally desirable for many others.

The more advanced courses are arranged to meet the needs of two groups in addition to those majoring in mathematics:

(1) Students of Chemistry, Physics, and Engineering, who should take *Mathematics 2* and in many cases *Mathematics 3* and *Mathematics 11a*.

(2) Students, such as economists and biologists, who need statistics in their major fields and who should take *Mathematics 13a* and *14b*.

The department major prepares for teaching in preparatory schools, for graduate study leading to college teaching, and for statistical and actuarial work.

### Major Requirements

Mathematics 1, 2, 3, 7a, 8b, 9a, 10b, 11a, and 16b.

Prescribed parallel reading on the history and general principles of Mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required of candidates for final honors.

It is recommended that facility in reading French and German be acquired as early in the College Course as possible.

#### 1. Freshman Mathematics.—Four hours. MR. OAKLEY, and MR. HOLMES.

*First semester*—*Plane Trigonometry*, including logarithms and the solution of triangles. Topics in college algebra including complex numbers, combinations and permutations, determinants, and the elements of the theory of equations.

*Second semester*—*Analytic Geometry*. General methods in the plane with applications to conic sections and other curves. Introduction to the geometry of three dimensions.

Freshmen with superior preparation are invited to discuss with the department the possibility of their taking *Mathematics 7a*, *9b*, or in rare cases *Mathematics 2*, in place of *Mathematics 1*.

#### 2. Calculus.—MR. WILSON.

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*. Specially well qualified Freshmen may elect this course with the permission of the department.

#### 3. Advanced Calculus and Differential Equations.—MR. GUMMERE.

Prerequisite, *Mathematics 2*.

#### 7a. Theory of Equations.—MR. ALLENDOERFER.

Advanced theory of equations, determinants, matrices. Open to specially well qualified freshmen in place of *Mathematics 1a*. Otherwise Prerequisite *Mathematics 1a*.

#### 8a. Advanced Algebra.—MR. ALLENDOERFER.

Introduction to number theory and modern abstract algebra. Prerequisites, *Mathematics 2*, *7a*.

[Offered on request to majors only.]

#### 9b. Plane and Solid Analytic Geometry.—MR. ALLENDOERFER.

Review of plane analytic geometry followed by solid analytic geometry. Open to freshmen with a knowledge of analytic geometry in place of *Mathematics 1b*. Otherwise, Prerequisite *Mathematics 1b*.

**10b. Introduction to Higher Geometry.—MR. ALLENDOERFER.**

Projective geometry from the synthetic and the analytic points of view. Klein's theory of general geometries including the standard non-Euclidean cases. Prerequisites, *Mathematics 2, 9b*.

[Offered on request to majors only.]

**11a. Partial Differential Equations and Fourier Series.—MR. GREEN**

Problem course, with many applications to Chemistry, Engineering and Physics. Prerequisite, *Mathematics 3*.

[Offered Summer 1944.]

**13b. Introduction to Statistics.—MR. OAKLEY.**

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and laboratory. Prerequisite, *Mathematics 1*. A fee of \$5.00 per semester is charged.

[Offered second semester 1943-44.]

**14a. Advanced Statistics, Elementary Probabilities and Finite Differences.—MR. OAKLEY.**

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2 and 13b*.

[Not offered 1943-44.]

**15a or 16b. Special topics.—MR. WILSON, MR. OAKLEY, MR. ALLENDOERFER, and MR. GREEN.**

The content of this course may vary from year to year to suit the needs of advanced students. May be repeated for credit.

**19a. Mechanics.—MR. SUTTON**

Analytical mechanics treating the statics, kinematics, and dynamics of particles and rigid bodies. Lectures and problems on the application of calculus and vector methods to mechanical systems including a brief treatment of Lagrange's equations and the special theory of relativity. Text: Synge and Griffith, *Principles of Mechanics*. Prerequisites: Physics 2 and Mathematics 3 (or Mathematics 3 may be taken concurrently). No fee.

Also called Physics 9a.

Mathematics 1, 2, 3a, 11a were offered in the summer of 1943.

## MUSIC

In addition to a considerable collection of musical scores and books in the general library, the special equipment of the Music Department consists of a collection of phonograph records, scores, and books presented in 1933 by the Carnegie Corporation and amplified by yearly accessions to double its original size (ca. 1600 records), two Steinway pianos, and a Hammond organ with a "Model E type" console. This equipment, but for the organ, is housed in the new Music Room in the Haverford Union. (The organ is in Roberts Hall.)

The new Music Room is open to students, army, and faculty at certain hours. It is used for music classes and in preparation for them, for record playing and rehearsals. A series of informal concerts will take place in it on certain Sunday nights during 1943-44.

The Haverford College Glee Club will hold its concerts on the campus and outside in cooperation with the Cap and Bells. Its membership is composed of civilian and army students. Rehearsals are held on Thursdays and Sundays. Joint concerts are given with other institutions, for the sake of performing works for mixed voices. Musically endowed students will find ample opportunity to study the musical masterpieces at first hand, through singing and playing.

A series of formal concerts in Roberts Hall, at which well-known soloists as well as outside choral and instrumental ensembles will be presented, will take place during the academic year 1943-44.

### 1. Introduction to Music History and Appreciation.

[Not offered in 1943-44]

Intended for those students who have a general interest in music without as yet possessing the necessary criteria in approaching it, listening to it intelligently, and appraising it. Devoted to the study of the basic forms of musical art, an analysis of the modern orchestra, and the acquisition of a historical perspective. No prerequisites.

### 2. The main periods of Music History from the Renaissance to the Nineteenth Century.

**Music in the Nineteenth Century.**

[Not offered in 1943-44.]

A study of the succession of styles in music (e.g. the Palestrina style, the Baroque, the Classical style of the Viennese masters etc.). Analysis of motets, madrigals, concerti, sonatas, and symphonies. The study of the Nineteenth Century includes the Romantic symphony, chamber and piano music, the opera from Rossini to Verdi, Wagner, and the Russians, the art song from Schubert to Wolf. Prerequisite *Music Ia* or some previous acquaintance with music.

### 3. Musical Craftsmanship. MR. SWAN.

A beginners' course for those who want to be initiated into musical composition. After disposing of the rudiments of music (notation, clefs, intervals, etc.), the student is taught the principles of melodic construction, and of writing in two parts melodically. Practice in the simpler contrapuntal, harmonic and rhythmic devices. Scoring for various instruments. No prerequisites.

### 4. Instrumentation (in combination with the Department of Physics). MR. PEPINSKY.

A study of the orchestral instruments from the point of view of their tone-color and tone-production, their idiosyncrasies and limitations, and the effects of combination in ensemble. An intimate study of the scores of master works will be made. A knowledge of harmony and performance on a musical instrument is pre-requisite. Text; Forsythe, Orchestration, The Macmillan Co.

## PHILOSOPHY

The courses in philosophy are intended to help men face and examine the great issues of life, to acquaint them with the major currents of reflection upon the nature of the universe, and to assist them in finding their own way to a more ordered and intelligent

relation with their world. The work aims to acquaint the students with the great classical thinkers and movements of philosophy and to put them in touch with present day philosophical discussions.

### Major Requirements

Philosophy 1a, 5, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: three hours on the History of Philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

#### 1a. Elementary Psychology.—MR. HEPP.

A survey of the present status of scientific knowledge concerning the psychological processes and activities of man, together with a consideration of how such knowledge is obtained and how it may be applied.

#### 2b. Advanced Psychology.—MR. STEERE.

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Philosophy 1a*.

This course is designed for advanced students only.

#### 3a. Introduction to Philosophy.—MR. HEPP.

An understanding of the nature and function of philosophy and of its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems.

[Not offered in 1943-44.]

#### 5. History of Philosophy.—MR. STEERE and MR. HEPP.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers, reports, lectures, and class discussions. *Philosophy 3a* is recommended but not required.

#### 7a. Ethics.—MR. STEERE.

The course will study (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures and papers.

#### 9a. Classics of Religious Literature.—MR. STEERE.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers* of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Theresa of Avila, *Autobiography*; Frances de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Præces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*.

[Not offered in 1943-44.]

#### 10b. Nineteenth-Century Thinkers.—MR. STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson.

**11a. Logic.—MR. HEPP.**

The principles of valid inference and their application to reasoning in every-day life and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

[Not offered in 1943-44.]

**12b. Philosophy of Science.—MR. HEPP.**

This course, designed for students with a general cultural interest as well as for those specializing in some one of the sciences, aims at an understanding of the nature of scientific knowledge, the logical methods of science, and the structure of scientific systems. The course will aid students of the special sciences in appreciating the manner in which the work of their own field expresses man's scientific interest and contributes to the scientific world-view. Basic concepts such as induction, causation, probability, measurement, explanation, prediction, and verification are analyzed.

**15a. History and Philosophy of Quakerism.—MR. W. W. COMFORT.**

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.

**17a, 18b. The Development of Political Thought.—MR. MORLEY, assisted by MR. HERNDON.** See *Government 17a, 18b*.

**21. Philosophical Seminar.—MR. STEERE and MR. HEPP.**

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for seniors majoring in philosophy and for graduates.

Philosophy 1a and 21 were offered in the summer of 1943.

## PHYSICAL EDUCATION

The college equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a concrete and wood grandstand and 440-yard oval and 220-yard, eight-lane straightaway cinder tracks; the Class of 1888 and Merion Fields for Association (soccer) football, both of which are used for baseball in the spring; a skating pond; Cope Field for cricket, with players' pavilion; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922 and used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923.

The Gymnasium contains a main floor, sixty by ninety feet, used for basketball and intramural sports. Adjoining the main floor are offices for the instructors, the administration of physical examinations, and for special student conferences. Adjoining the main hall is a large and comfortable reading room for the use of the College athletic coaches and alumni. The basement contains dress-



ing rooms, a number of well ventilated lockers, shower baths, a pool, a wrestling room and storage room for athletic equipment. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required of Freshmen; Course 2, of Sophomores; Course 3, of Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. All accelerated summer students must participate in some activity. For *Physical Education 1 and 2*—a half course credit will be given. For *Physical Education 3*—a pass or failure will be shown.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

**1. Physical Education.**—Three hours. MR. HADDLETON, MR. EVANS, MR. BRAMALL, and MR. MULLAN.

A course of elementary instruction in athletic games, including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the 2nd and 3rd quarters.

**2. Physical Education.**—Three hours. MR. HADDLETON, MR. EVANS, MR. BRAMALL, and MR. MULLAN.

A course of advanced instruction in athletic games with emphasis on intramural sports.

**3. Physical Education.**—Three hours. MR. HADDLETON, MR. EVANS, MR. BRAMALL, and MR. MULLAN.

A course almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

## PHYSICS

The introductory courses are *Physics 1* and *2*. The first of these covers elementary Physics a little more thoroughly than a secondary school course, but the laboratory work is designed especially for those who do not expect to specialize in physics. *Physics 2* is the basic course for further work in physics, chemistry, or engineering. It covers the work required in physics for admission to many medical schools.

Physics 1-2 is given in the summer term only. It covers much of the work of Physics 2 intensively but less thoroughly. For the present any one of the courses Physics 1 or 2 or 1-2 will be accepted as the required prerequisite for admission to the more advanced courses.

Students intending to specialize in physics, chemistry, or medicine should also elect *Physics 3*.

### Major Requirements

Physics 2 (1 or 1-2), 13 and two courses of two terms each from Physics 3, 4b, 5a, 7a, 8b, 9a, 10b, 11a, 12b, 15a, 16b.

History of Physics.

Mathematics 2, and one or one and one-half courses from Chemistry 1 or 2, Engineering 13a, 14b, 23a, 24b, Astronomy 1a, 3a, 4b, or additional mathematics.

A comprehensive examination based upon above-mentioned courses.

#### 1. Introductory Physics.—Four hours. MR. PALMER.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention of specializing in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, solution of problems and simple laboratory experiments, how these principles apply to matters of everyday experience. This is a much less exacting course than Physics 2. Text: Black. An *Introductory Course in College Physics*. A fee of \$7.50 per semester is charged.

#### 1-2. Physics.—MR. HETZEL.

This is an intensive summer term course intended to cover much of the ground of Physics 2, with the omission of selected topics, in a period of two months. Text, prerequisites, and fees are the same as those for Physics 2.

#### 2. General Physics.—Four hours. MR. PALMER, and MR. ATKINSON.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Saunders, *A Survey of Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1*. A fee of \$7.50 per semester is charged.

#### 3. Ions, Electrons, Radiations, and Atomic Structure.—MR. PALMER.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio  $E \div M$  for electrolytic ions;  $e \div m$  for cathode rays; properties of gaseous ions; measurement of the electronic charge  $e$  by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisites, *Physics 2*, *Physics 1-2*. A fee of \$7.50 per semester is charged.

#### 4b. Spectroscopy.—MR. SUTTON.

[Not offered in 1943-44.]

Lectures, readings, and experiments on spectroscopy and atomic structure giving emphasis upon the underlying theory and offering acquaintance with the laboratory methods involved. A fee of \$7.50 per semester is charged.

**5a. Transmission Systems.—MR. BENHAM.**

Lectures, class discussions and occasional experiments on the theory and practice of networks. The course covers reduction and transformation of complex impedance and resistance networks, resonance in electrical circuits, transmission lines, filters, coupled circuits, equalizers, and bridge circuits. Text: W. L. EVERITT, *Communication Engineering*. Prerequisites: *Physics 2*, *Physics 1-2*, *Mathematics 2*. Laboratory fee \$7.50 per semester.

**7a. Electricity and Magnetism.—MR. BENHAM.**

[Not offered in 1943-44.]

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electro-magnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2*, *Physics 1-2*, and *Mathematics 2*. Fee \$7.50 per semester.

**8b. Intermediate Radio Communication.—MR. BENHAM.**

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*, and preferably *Physics 7a*. A fee of \$7.50 per semester is charged.

**9a. (See Mathematics 19a.)—MR. SUTTON****10b. Introduction to Mathematical Physics.—MR. SUTTON.**

Lectures and problems on selected topics in mathematical physics, such as hydrodynamics, thermodynamics, kinetic theory, wave motion, theory of electric fields, etc. Textbook: Page, *Introduction to Theoretical Physics*. This course and *Physics 9a* are complementary courses affording one full year in theoretical physics, but a student may elect either half. Prerequisites, *Physics 2*, *Physics 1-2*, and *Mathematics 3* (or *Mathematics 3* may be taken concurrently). No fee.

**11a. Optics and Photography.—MR. SUTTON.**

A study of the principles of physical optics with special reference to photography followed by a systematic study of the photographic process. Laboratory work includes both measurements in optics and photographic dark-room manipulations. Text: Mack and Martin, *The Photographic Process*. A fee of \$7.50 per semester is charged. Prerequisite, *Physics 1* or *2*, or *1-2*.

**12b. Sound.—Second half-year; MR. BENHAM.**

A course of lectures, readings and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisite, *Physics 2*, *Physics 1-2*, *Mathematics 2*. Fee, \$7.50 per semester.

**13. Physics Seminar.—MR. PALMER, MR. SUTTON, and MR. BENHAM.**

Advanced students in physics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the department to discuss the progress in each field of investigation, so that each student becomes familiar with problems other than his own. In this course, the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree. Fee, \$10.00 per semester.

**14b. Communications.—MR. BENHAM.**

An introduction to such subjects as telephone, telegraph, teletype and facsimile (picture transmission) is given. Also, a major part of the work is devoted to learning the Continental Morse code. Laboratory periods are spent in practicing receiv-

ing and sending the code under the guidance of the Instructor. Supplementary reading and code practice are required. Prerequisite, *Physics 1* or elementary physics.

**15a. Electronics.**—(See Engineering 17a.) MR. BENHAM.

This course includes material introductory to electron theory, study and application of vacuum-tubes and problems pertaining to design and analysis of typical circuits employing the vacuum-tube. Laboratory experiments are designed to give the student experience in the handling of apparatus in which the vacuum-tube is used. Prerequisites, *Physics 2*, *Physics 1-2*. Laboratory fee, \$7.50 per semester.

**16b. Advanced Radio.**—MR. BENHAM.

This course takes up the design and operation of such apparatus as radio transmitters, receivers, cathode-ray oscillograph, frequency modulated transmitters, television. Laboratory periods are intended to give the student experience in handling receiving and transmitting equipment. Prerequisite, *Physics 15a* or *8b*. Laboratory fee, \$7.50.

Physics 1-2, 7a and 8b were offered in the summer of 1943.

## ROMANCE LANGUAGES

The first objective of instruction in the Romance Languages is the cultivation of fluent and accurate command of the contemporary idiom, both written and oral. Exceptional opportunities for developing oral facility in French, Spanish, Italian and German are afforded by residence in the Language House.

Study of the national literatures of France, Spain and Italy presupposes more than elementary facility in conversation and composition. Admission to literature courses is therefore contingent upon the consent of the instructor, which will not ordinarily be granted earlier than the completion of at least French 3 or Spanish 2 or Italian 1, or their equivalents.

The Department of Romance Languages offers Major Programs in French and in Spanish.

### FRENCH

#### Major Requirements

French 3, 4, 16b, 17a, 18b, 19a.

History of France since 1515.

Supporting courses in the Latin, German, Spanish, Italian and English languages and literatures, History of Art, Philosophy: to be arranged in individual conference.

A written and oral comprehensive examination on the language, literature and history of France.

**1. Elementary French.**—MR. WYLIE.

Oral and written introduction to the French language.

**2. Intermediate Elementary French.**—MR. STOKES.

A continuation of the work of French 1, with additional emphasis on composition.

**3. Advanced Elementary French.**—MR. L' HÉRITIER.

A continuation of the work of French 2, with additional emphasis on reading.

**4. Advanced French Conversation and Composition.**—MR. STOKES.

Normal prerequisites are French 3 and a course in French Literature, but exemption from the latter may be granted to well qualified students interested primarily in the language.

**16b. French Literature through the Sixteenth Century.**

Lectures with collateral reading and reports on the history of French Literature.  
[Not offered in 1943-44.]

**17a. French Literature of the Seventeenth Century.**

Reading, reports and discussion of the main currents of thought and the outstanding literary figures of the century.  
[Not offered in 1943-44.]

**18b. French Literature of the Eighteenth Century.—MR. H. COMFORT.**

Reading, reports and discussion of the main currents of thought and the outstanding literary figures of the century.

**19a. French Literature of the Nineteenth and Twentieth Centuries.—MR. H. COMFORT.**

Reading, reports and discussion of the main currents of thought and the outstanding literary figures of the century.

## SPANISH

**Major Requirements.**

Spanish 3, 4a, 4b, 5a, 6b, 7.

History of Spain and Spanish America, as a background for literature.

Supporting courses in the Latin, French, Italian and English languages and literatures, History of Art, Philosophy: to be arranged in individual conference.

Written and/or oral comprehensive examinations.

**1. Elementary Spanish.—MR. NORTON.**

Oral and written introduction to the Spanish language.

**2. Intermediate Elementary Spanish.—MR. ASENSIO.**

A continuation of the work of Spanish 1, with additional emphasis on reading.

**3. Advanced Spanish Conversation and Composition.—MRS. ASENSIO.**

Normal prerequisites are Spanish 2 and a course in Spanish Literature, but exemption from the latter may be granted to well qualified students interested primarily in the language.

**4a. Introduction to Spanish Literature from its origins.**

Lectures, reading, written and oral reports.

[Not offered in 1943-44.]

**4b. Introduction to Spanish-American Literature.**

Lectures, reading, written and oral reports.

[Not offered in 1943-44.]

**5a. Spanish Literature of the Nineteenth and Twentieth Centuries.**

Romanticism in Spain; the Movement of '98. Lectures, reports and discussions.  
[Not offered in 1943-44.]

**6b. Spanish Literature of the Golden Age.**

Cervantes, Lope de Vega, Tirso, Calderón.

[Not offered in 1943-44.]

**7. Special Topics in Spanish Literature.**

[Not offered in 1943-44.]

## ITALIAN

## 1. Elementary Italian.—MR. H. COMFORT.

Oral and written introduction to the Italian Language. Not open to Freshmen.

[Not offered in 1943-44.]

## 2. Readings in Italian Literature.

The *Divina Commedia* and other Italian classics.

[Not offered in 1943-44.]

## SOCIOLOGY

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, of our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence Sociology as the "Science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

## Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Philosophy 1a, Philosophy 2b, Government 1, Government 3, Economics 1 and Mathematics 13a, in consultation with the major supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

For graduate students majoring in Sociology, Mathematics 13a (Introduction to Statistics) and Mathematics 14b (Advanced Statistics) may be counted as courses in Sociology.

## 1a. An Introduction to Sociology.—MR. WATSON.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

## 2b. Criminology.—MR. WATSON.

Social origins of crime and criminals; costs to the community and society; apprehension and rehabilitation of offenders; police organization; the courts in operation; penology including the probation and parole systems. Trips to penal institutions and the criminal courts will be made. Prerequisite, *Sociology 1a*.

## 4b. Ethnic Relations.—MR. WATSON.

A study of "racial" and cultured factors in American communities. Special attention will be paid to the Negro, the Oriental immigrant, and the American Indian. The particular cultured contributions of various minority groups are ex-

plored, and methods of resolving conflicts between groups are examined. Prerequisite, *Sociology 1a*.

[Not offered in 1943-44.]

**5a. Industry and Society.—MR. WATSON.**

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as unemployment, and other forms of economic insecurity.

Special emphasis is placed on methods of resolving industrial conflict. Studies of actual cases before the National War Labor Board are made with the view of discovering sound principles of labor management relations. Prerequisite, *Economics 1*.

Also called *Economics 5a*.

**6b. Labor Policies and Business Management.—MR. PANCOAST.**

Particular problem areas in collective bargaining will be examined. Immediate effects on groups directly involved are distinguished from long-run consequences to society. Restraints of trade arising out of the employment relationship are analyzed as to their economic effects, particularly on "full" employment. Prerequisite, *Sociology 5a* or *Economics 11a*.

[Not offered in 1943-44.]

**7a. Seminar in Social Science Research.—First half-year. MR. PANCOAST and MR. WATSON.**

The seminar aims to acquaint the student with the general methods of research in the social sciences and their interrelations. It lays a foundation for the preparation of M.A. theses and longer term papers involving social science research techniques.

Classes limited to men majoring in one of the social sciences. Prerequisite, one two-term course or two one-term courses in any of the social sciences.

[Not offered in 1943-44.]

**8b. Problems of the Modern Family.—MR. WATSON.**

A seminar course on problems of the modern family and education for parenthood. A discussion of relationships of husband-wife; parent-child; and family-community. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upper classmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

**9a. The Field of Social Work.—MR. WATSON.**

A course of twenty-four lectures beginning in January 1944, running for six months. The course will place special emphasis on the principles and technique of social case work. Restricted to students in the Relief and Reconstruction unit in Haverford College.

Sociology 1a and 2b were offered in the summer of 1943.

## GRADUATE TRAINING IN RECONSTRUCTION AND RELIEF

(See *Special Section under Graduate Students*, p. 32)

The course is run on the quarter system. Autumn quarter, 1943; Sept. 27-Dec. 18. Winter quarter, 1944: Jan. 3-Mar. 24. Spring quarter, 1944: April 2-June 15. Summer Field Work quarter, 1944: June 22-Sept. 18. Autumn quarter, 1944: Sept. 25-Dec. 22.

Students will be expected to take four courses per quarter. For the first three quarters all students who are not fluent in two

European languages will take two of their four courses in languages. German will be spoken in the resident dormitory and at meals.

### SAMPLE PROGRAM OF STUDIES IN GRADUATE COURSE OF RECONSTRUCTION AND RELIEF FOLLOWS.

*First quarter:* Double course in Elementary German, or a single course in Advanced German and a course in Polish; Philosophy & Practice of Reconstruction; Special Area Study.

*Second quarter:* Continuation of double course in Elementary German or continuation of Advanced German and Polish; six weeks of Social Case Work and initial six weeks of sixteen weeks of International Relief Administration; Special Area Study, etc.

**German 1. R & R (Elementary German)—MR. KELLY.**

An intensive double course in German designed to take those who have had either no German language study or those with limited study and prepare them for a command of spoken German.

**German 2. (Intermediate German)—MR. KELLY. See German 2.**

**German 3. (Advanced German)—MR. PFUND. See German 3.**

**Polish 1.—MISS WANKOWICZ.**

An elementary course to prepare for facility in spoken Polish.

**Swedish 1.—MR. STOKES.**

An elementary grounding in the Swedish language.

**Russian 1.—MR. SWAN.**

Elementary study of the Russian language.

**Advanced French**

**Advanced Italian**

**Advanced Spanish**

} See courses in these departments.

**Special Area Study.—MESSRS. STINNES, CHAMBERLIN, STEERE, PFUND and others.**

An intensive study designed to acquaint future reconstruction workers with some of the characteristic features of Central and Northern European social and economic life, and with the mentality and character of the people of these areas.

Autumn quarter: Germany; winter quarter: Germany, Poland, Czechoslovakia, (Russia); spring quarter: Scandinavia and Baltic states.

Lectures by distinguished nationals of each country studied: Bruening, Ulich, Stresemann, Sollman, Rauschnig, Segal, Brun, Kohlemainen, Elsa Brandstrom have spoken in this series; papers, journal club, and discussions.

**Philosophy and Practice of Reconstruction.—Autumn quarter, MR. STEERE and others.**

This course falls into two parts. The first is a series of lectures and biographical readings on great humanitarians in an effort to discover the sources of their power and to study the evolution of charitable services through the contributions of notable figures such as, Francis of Assisi, Vincent de Paul, John Woolman, John Frederic Oberlin, Florence Nightingale, Henri Dunant, Jane Addams, Matilda Wrede, Albert Schweitzer, and Fridtjof Nansen.

The second part is a weekly conference with a distinguished administrator or field worker of the American Friends Service Committee in order to study intensively the scope and method of operation of a single reconstruction agency; Rufus Jones, Clarence Pickett, John Rich, Leslie Heath, J. Henry Scattergood, Alfred G. Scattergood, William Comfort, Howard Comfort, Hertha Kraus, Emily Parker Simon, Emma Cadbury, Josiah Marvel and Roger Wilson have spoken in this series.



**Social Case Work.**—Four hours weekly to be arranged, winter quarter, 1944 (one-half quarter). MR. WATSON.

A concentrated course in social case work presented with special emphasis upon the features transferable to foreign reconstruction situations. Lectures and field trips.

**International Relief Administration.**—Four hours weekly to be arranged, winter and spring quarters (one and one-half quarters). DR. HERTHA KRAUS.

A lecture and seminar course designed to acquaint the student with some background of the existing European social welfare facilities; with the principles and practices of the major types of relief and reconstruction work that have been carried on in Europe; and with the policies of the leading relief and reconstruction agencies in this country. Representatives of these agencies will be invited to discuss their policies with members of the seminar. Lectures, research projects, discussions.

**Bookkeeping and Accounting.**—Four hours weekly to be arranged, autumn quarter (one-half quarter). MR. TEAF.

This course is to acquaint future workers with the elements of bookkeeping and accounting practices and will use record systems of leading relief agencies in its problems.

**Elementary Nutrition.**—Four hours weekly to be arranged, autumn quarter (one-half quarter).

An orientation in basic principles of nutrition, with special reference to such problems as dietary analysis, supplementary feeding, and mass feeding involved in foreign relief operations.

**Elementary Village Hygiene.**—Four hours weekly to be arranged, autumn quarter (one-half quarter).

A survey of standard emergency practices in disposal of waste, purification of water, control of disease carriers, epidemic prevention and control, etc.

**Mental Hygiene of the Relief Worker.**—Four hours weekly to be arranged, autumn quarter (one-half quarter). MR. STEERE.

A study of the common personal problems faced by the relief worker in the field with attention directed to the psychological and spiritual resources available for a creative adjustment to the situation.

**Work Camp Administration.**—Four hours weekly to be arranged, autumn quarter (one-half quarter). MESSRS. STEERE, MILLER, SCHNITZER, JACKSON, MORRIS.

A survey of the history and practice of work camps, with particular emphasis upon the application of past experience to international labor services in the post-war period.

*The Post-War World.*—See *Government* 18b.

### **Applied Work.**

In addition to carrying four of the above courses per quarter, each student will be assigned to some type of applied work. In the autumn quarter of 1943 the group were divided into units to work on one of four projects: (1) Apprenticeship to the American Friends Service Committee two afternoons a week (2) Apprenticeship to the week-end work camps under the directions of David and Mary Richie for four successive week-ends (3) Auto mechanics (4) Craft skills (carpentry, painting, toy-making, etc.).

### **Field Work Projects.**

In the summer quarter all students will be assigned to a three months period of field work to be chosen from projects such as volunteer work camps, migratory workers camps, U. S. Employment Service, Travelers Aid, etc., after a careful study of the students' skills and needs.

# DEGREES, PRIZES, AND HONORS GRANTED IN 1942-1943

## DEGREES

The following degrees were conferred on Commencement Day,  
January 30, 1943

### BACHELORS OF ARTS

EUGENE EDWIN ANDERSON, JR.  
MARVIN LUTHER BROWN, JR.  
DAVID ALLEN COOLIDGE  
JOHN JACOB ENCK  
EDMUND JENNINGS LEE  
LEON LEVINTOW  
ROBERT MACCRATE

JOHN MARTIN MOON  
GEORGE FOXCROFT MORSE  
KENEDON POTTER STEINS  
JAMES SMYRL SUTTERLIN  
HASKELL TORRENCE  
WILLIAM THOMAS WARREN, JR.  
WHITNEY SEILER YEAPLE

*As of 1942*

DAVID CLARK THOMPSON

### BACHELORS OF SCIENCE

JOHN MALONE ALLEN  
ARTHUR HALLOCK BELL  
JARED SPENCER BROWN  
CHRISTOPHER JOEL CADBURY  
TRISTRAM POTTER COFFIN  
JEFF DEWALD  
THOMAS HOOPER ECKFELDT, III  
JOSEPH MORRIS EVANS  
SUMNER WRIGHT FERRIS  
JAMES BRYSON GILBERT  
WILLIAM LEON GRALA, JR.  
DOUGLAS ROBERTS HALLETT  
JOHN FITZ HILL  
HOLLAND HUNTER  
LEWIS CROSSETT KIBBEE  
DAVID BLACKBURN KIRK  
HORACE MATHER LIPPINCOTT, JR.  
ELLIS FRANK LITTLE

JOHN CRESPI MARSH  
AVREL MASON  
JOHN HOYT MEADER  
STERLING NEWELL, JR.  
FRANK KELLETT OTTO  
RICHARD ALEXANDER PATTON, JR.  
STUART LONGFELLOW RIDGWAY  
GEORGE MAGNUS RYRIE  
WILLIAM F. SHIHADAH  
JOHN GIFFIN SHINN  
JOHN DICKINSON STEVENS, JR.  
EZRA CLARKE STILES, JR.  
WILLIAM ALLEN STUDWELL  
ALEXANDER C. TOMLINSON, JR.  
JOHN CUNNINGHAM WHITEHEAD  
CARL EDDINGTON WIDNEY  
JOHN BALL WILKIE  
WILLIAM NOBLE WINGERD

WILLIAM HOYT WOODWARD

*As of 1942*

JOHN DENNEY FARQUHAR  
JOHN BERNARD FLICK, JR.  
DAVID SHARPLESS FOX  
EDWARD ARNOLD GAENSLER  
GEORGE CAMPBELL LEWIS, JR.  
CLYDE KINGSLEY NICHOLS, JR.  
GEORGE THOMAS WARNER

The following degrees were conferred on Commencement Day,  
June 5, 1943.

### DOCTOR OF LETTERS

WILLIAM HENRY CHAMBERLIN, '17

## MASTER OF ARTS

WILLIAM QUEALLY HALE (A.B., Earlham College, 1942)

*Thesis: The Japanese-American Student Evacuation and Relocation*

## MASTERS OF SCIENCE

JONATHAN STANTON DIXON (B.S., Univ. of New Hampshire, 1942)

*Thesis: Oximes and Their Application as Analytical Reagents*

ARTHUR NELSON WRIGLEY (A.B., Haverford College, 1937)

*Thesis: A Study of Cryoscopic Constants*

## BACHELORS OF ARTS

HENRY ELWELL FUNK

NORMAN PETERKIN

## BACHELORS OF SCIENCE

CASSIN WINCHESTER CRAIG

JOHN WENDELL SEVRINGHAUS

HARRY SCHELLMAN HALL

SETH THIXTON SHEPARD

BYRON EDWARD HOWE, JR.

DAVID DELANO SOMERS

RUSSELL MARSH LYMAN

ALBERT EDWARD TURNER, III

HUGH ROBERTS WILLIAMS

*As of 1940*

BRUCE DOUGLAS ANDERTON

The following degrees were conferred on Commencement Day,  
August 28, 1943.

## MASTER OF SCIENCE

ROBERT ELINE HALTER (A.B., Gettysburg College, 1942)

*Thesis: The Use of Phenylhydrazine for Characterization of Esters*

## BACHELORS OF ARTS

ROBERT BRIGGS DAY

ROBERT MORRISON JACOB

EDWARD BURROUGHS IRVING, JR.

DANIEL KELLER MILLER

SAMUEL EMLÉN STOKES, JR.

## BACHELORS OF SCIENCE

CORNELIUS WEBSTER ABBOTT, of J.

GEORGE WALTER HUBLER

DONALD HESTON BAIRD

ROBERT FAIRLES JORDAN

JOHN LLOYD BALDERSTON, JR.

JOHN SHARPLESS KLEIN

LOUIS PAUL BOLGIANO, JR.

JOHN McLAUGHLIN KROM

ARCHIE GIRARD BUYERS

GILBERT HENRY MOORE, JR.

WILLIAM KERR CONN

JOHN BAIRD ROESLER

ELMER HENDRICKS FUNK, JR.

HARRY ROYER SMITH, JR.

HENRY HAMILTON GRAY

DAVID EVANS STOKES

JESSE GYGER GRIER

HENRY CRAIG SUTTON, JR.

JAMES COKE HADEN

CHARLES EDGAR THOMAS, JR.

EDMUND EMERSON HAMMOND, JR.

HENRY SABAU VILA

WALTER HOLLANDER, JR.

RICHARD HARDIN WARREN

JOHN TALCOTT HOUGH

HOWARD PAGE WOOD

WILLIAM McCLELLAND HOUSTON

JAMES HOWARD WORL

## CLEMENTINE COPE FELLOWSHIP FOR 1943-1944

HOLLAND HUNTER, 1943

## CORPORATION SCHOLARSHIPS FOR THE SUMMER TERM, 1943

## 5-6 Semesters

RICHARD WALLACE COLE

MANUEL JOSEPH GOMEZ

## 3-4 Semesters

STANLEY SHERMAN BURNS, JR.

JOHN HOWARD BENGE

ANSON BIXLER GOOD

## 1-2 Semesters

ARTHUR EARL BRYSON, JR.

## Entering Class

JACOB ANDREWS LONGACRE

PETER GOLDTHWAIT BENNETT

CORPORATION SCHOLARSHIPS FOR THE FALL TERM,  
1943-1944

## 5-6 Semesters

RICHARD WALLACE COLE

MASAMORI KOJIMA

EDWARD BLOCK

WILLIAM L. LEHMANN

## 3-4 Semesters

STANLEY SHERMAN BURNS, JR.

ROBERT HAIG BEDROSSIAN

ARTHUR EARL BRYSON, JR.

LEWIS EDWARD COFFIN

## 1-2 Semesters

CLOYD MARVIN

THOMAS PATON GOODMAN

JACOB ANDREWS LONGACRE

HANS EBERHARD PETERSEN

## Entering Class

IAN HUEBSCH

ROGER BACON

GERALD CONNOP GROSS, JR.

HOWARD WARNER STARKWEATHER, JR.

## PRIZES

*The Class of 1896 Prizes (\$20 in books) in Latin and in Mathematics for Sophomores have been awarded as follows:*

Latin (\$10)—HENRY FILLMORE LANKFORD, 1945

Mathematics (\$10)—GEERT CALEB E. PRINS, 1945

*The Lyman Beecher Hall Prize in Chemistry (\$100 from Endowment by the Class of 1898) for Juniors, Seniors or Graduates within three years of graduation who expect to engage in research has been divided between*

DONALD HESTON BAIRD, 1944  
EDMOND EMERSON HAMMOND, 1944

*The Class of 1902 Prize in Latin (\$10 in books) for Freshmen has been awarded to*

HANS EBERHARD PETERSEN, 1946

*The Mathematics Department Prizes (\$25 for Freshmen) awarded in competition by examination, have been awarded to*

First Prize (\$15)—THOMAS PATON GOODMAN, 1946

Second Prize (\$10)—WILLIAM EDGAR COWAN, 1946

*The Scholarship Improvement Prizes (\$95) for the two Seniors who have shown the most steady and marked improvement in scholarship during the college course have been awarded as follows:*

First Prize (\$50)—STERLING NEWELL, JR., 1943

Second Prize (\$45)—JOHN CRESPI MARSH, 1943

*The Logan Pearsall Smith Prize (\$50 in books) for that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library has been awarded to*

JOHN JACOB ENCK, 1943

*The Founders Club Prize (\$25 in books) for the Freshman who has shown the best attitude toward college activities and scholastic work*

WILLIAM EDWARDS SHERPICK, 1946

*The George Peirce Memorial Prize in Chemistry or Mathematics (\$25) offered exclusively for students who expect to engage in research has been divided between*

ARCHIE GIRARD BUYERS, 1944

DANIEL KELLER MILLER, 1944

*The Alumni Oratorical Prizes (\$25) each for Seniors and Juniors:*

DAVID YI-YUNG HSIA, 1945

CHARLES SPAHR SANGREE, 1946

*The William Ellis Scull Prize (\$50) awarded annually to the upper classman showing the greatest achievement in voice and the articulation of the English Language, has been awarded to*

EDWARD BURROUGHS IRVING, JR., 1944

*The Newton Prize in English Literature (\$50) on the Basis of Final Honors, has been awarded to*

JOHN JACOB ENCK, 1943

## HONOR SOCIETIES

The following members of the Class of 1943 were elected to the Phi Beta Kappa Society

### *At the end of the Junior Year*

EDWARD ARNOLD GAENSLER  
HOLLAND HUNTER

STUART LONGFELLOW RIDGWAY  
EUGENE EDWIN ANDERSON, JR.

### *At the end of the Senior Year*

JAMES SMYRL SUTTERLIN  
JOHN JACOB ENCK  
JOHN CUNNINGHAM WHITEHEAD  
CARL EDINGTON WIDNEY, JR.

HASKELL TORRENCE  
KENEDON POTTER STEINS  
ROBERT MACCRATE  
DAVID ALLEN COOLIDGE

The following members of the class of 1944 were elected to the Phi Beta Kappa Society

### *At the end of the Junior Year*

JOHN ARTHUR FRANTZ  
ROBERT BRIGGS DAY  
DONALD HESTON BAIRD

ELLSWORTH CHAPMAN ALVORD, JR.  
WALTER HOLLANDER, JR.  
DANIEL KELLER MILLER

### *At the end of the Senior Year*

CASSIN WINCHESTER CRAIG

The following Seniors were elected to the Founders Club, an organization based on merit in both studies and college activities:

*During the Junior Year*

HASKELL TORRENCE  
PAUL MARKLEY COPE, JR.  
H. MATHER LIPPINCOTT, JR.  
DONALD HESTON BAIRD  
JODIE DEE CRABTREE, JR.  
ROBERT BRIGGS DAY  
DANIEL ELIAS DAVIS, JR.

ROBERT MACCRATE  
JOHN CUNNINGHAM WHITEHEAD  
TRISTRAM POTTER COFFIN  
CHARLES EDWIN FOX, JR.  
WILLIAM LEONARD HEDGES  
RICHARD HARDIN WARREN  
HOWARD PAGE WOOD

J. MORRIS EVANS

*During the Senior Year*

EUGENE EDWIN ANDERSON, JR.  
EDWARD BURROUGHS IRVING, JR.  
EDMUND JENNINGS LEE

DAVID ALLEN COOLIDGE  
ROBERT FAIRLES JORDAN  
JOHN WENDELL SEVRINGHAUS

The following Juniors were elected to the Founders Club

JOHN RICHARD CARY  
DAVID YI-YUNG HSIA

ROBERT GILMORE PONTIUS  
EDWARD PRESTON, III

STACEY HARRISON WIDDICOMBE, JR.

## HONORS

### FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope, than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

### HIGHEST HONORS

#### *January*

JOHN JACOB ENCK, 1943.....English  
STUART LONGFELLOW RIDGWAY, 1943.....Mathematics

#### *August*

EDMOND EMERSON HAMMOND, JR., 1944.....Chemistry  
SAMUEL EMLÉN STOKES, JR., 1944.....French

### HIGH HONORS

#### *January*

EUGENE EDWIN ANDERSON, JR., 1943.....Latin  
HOLLAND HUNTER, 1943.....Economics  
ROBERT MACCRATE, 1943.....Government  
KENEDON POTTER STEINS, 1943.....Government  
HASKELL TORRENCE, 1943.....Chemistry

#### *June*

CASSIN WINCHESTER CRAIG, 1944.....Economics

# HONORS

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## HONORS

### January

TRISTRAM POTTER COFFIN, 1934.....	English
JEFF DEWALD, 1943.....	Chemistry
JOHN ARTHUR FRANTZ, 1944.....	Chemistry
JAMES SMYRL SUTTERLIN, 1943.....	French

### August

ARCHIE GIRARD BUYERS, 1944.....	Chemistry
ROBERT BRIGGS DAY, 1944.....	Physics
EDWARD BURROUGHS IRVING, JR., 1944.....	English
DANIEL KELLER MILLER, 1944.....	Chemistry
HOWARD PAGE WOOD, 1944.....	Philosophy

## PRELIMINARY HONORS

### In Departments

#### In the Sophomore or Junior Year

Representing a minimum of 120 hours of Honors Work in addition to that required for two or more scheduled courses of two terms each of the Department, plus grades of 85, or better, for the present year in the Department indicated.

### January

DANIEL ELIAS DAVIS, JR., 1944.....	Government
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### June

DAVID YI-YUNG HSIA, 193r.....	Chemistry
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## HONORABLE MENTION

### In Single Courses in the Freshman or Sophomore Year

Representing a minimum of 60 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better, in the same course.

### June

ELWOOD TATE BAKER, 1946.....	Latin 5a, 6b
LEWIS EDWARD COFFIN, 1946.....	Chemistry 1
JOHN PHILIP FEIL, 1946.....	Chemistry 1
THOMAS PATON GOODMAN, 1946.....	Mathematics 1
WALTER YONEO KATO, 1946.....	Engineering 1a, 2b
THOMAS WILSON MELDRUM, 1946.....	Chemistry 2
WILLIAM EDWARDS SHERPICK, 1946.....	Chemistry 1

### August

JOHN PHILIP FEIL, 1946.....	English 2b
WILLIAM HOUSTON CHARTENER, 1946.....	English 2b
LLEWELLYN POWERS YOUNG, 1945.....	Economics 1

# DIRECTORY

## STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; F for Founders Hall, Gov. H. for Government House, Lg. H. for Language House, M for Merion, S for Science House, D for day student. The field of major concentration is indicated in parentheses. The figure following the name indicates the number of the term now being completed.

### GRADUATE STUDENTS

Name	Home Address	College Address
PALMER, ARTHUR WALDEN . . . . .	(English) Haverford School, Haverford, Pa.	D
STREET, JOHN LYLE . . . . .	(Chemistry) R 2 Mabel, Minn.	D
WYLIE, LAURENCE WILLIAM . . . . .	(R&R) 8 College Lane, Haverford, Pa.	Gov. H.

### UNDERGRADUATE STUDENTS

#### A

Name	Home Address	College Address
ALFORD, THEODORE CRANDALL, JR. 7 . . . . .	(Chemistry) Theoford Farm, McLean, Va.	8 S
ANNESLEY, WILLIAM HONEYFORD, JR. 3 . . . . .	4667 Leiper Street, Philadelphia, Pa.	109 M
ARNETT, JOHN HANCOCK, JR. 2 . . . . .	6200 Ardleigh Street, Germantown, Philadelphia, Pa.	17 M
ATKINSON, ANNA MARGARET . . . . .	(R&R) Wrightstown, Pa.	D

#### B

BACON, ROGER 1 . . . . .	3307 Clarendon Road, Cleveland Heights, Ohio	4 M
BARCLAY, MARY . . . . .	(R&R) 424 N. Bluff, Wichita, Kan.	Lg. H.
BARTLETT, FREDERICK HENRY, JR. 5 . . . . .	(Chemistry) 15 S. Somerset Avenue, Ventnor City, N. J.	13 S
BEDROSSIAN, ROBERT HAIG 5 . . . . .	(Chemistry) 4501 State Road, Drexel Hill, Pa.	8 S
BENGE, JOHN H. 6 . . . . .	(Chemistry) 237 Washington Street, Kennett Square, Pa.	8 S
BENNETT, PETER GOLDTHWAIT 2 . . . . .	c/o Mr. Snyder 82 Washington Street, Wellesley Hills, Mass.	
BIRDSALL, THOMAS MORRISON 5 . . . . .	(Chemistry) 139 Booth Lane, Haverford, Pa.	13 S
BLAKE, FREDERICK LEIGHTON 1 . . . . .	101 M 214 W. Hillcrest Avenue, Upper Darby, Pa.	
BLOCK, EDWARD 6 . . . . .	(Physics) 810 W. Sedgwick Street, Mt. Airy, Philadelphia, Pa.	23 F
BROOKS, CHARLOTTE HALLOWELL . . . . .	(R&R) 45 Mystic Street, West Medford, Mass.	Lg. H.



Name	Home Address	College Address
BROWN, RODMAN WELD 2.....	416 Linden Street, Wellesley Hills, Mass.	106 M
BRYSON, ARTHUR EARL, JR. 4.....	182 Myrtle Street, Winnetka, Illinois	102 M
BUCKLEY, JAMES COAKLEY 2.....	620 Shadeland Avenue, Drexel Hill, Pa.	17 M
BURNS, STANLEY SHERMAN, JR. 5.....	(Chemistry) 4603 Pershing Avenue, St. Louis, Mo.	13 S
BUSH-BROWN, ALBERT 3.....	Quarry Farm, Ambler, Pa.	5 F

C

CALKINS, FAY GILKEY.....	(R&R) 1112 N. Evergreen Street, Arlington, Va.	Lg. H.
CAMERON, ANGUS MALCOLM 4.....	318—8th Avenue, S. E., Minot, N. D.	M Pent.
CARY, SARAH COMFORT (R&R).....	Ellet Lane and Wissahickon Ave., Mt. Airy Philadelphia, Pa.	Lg. H.
CHAPMAN, SAMUEL HUDSON III 2.....	227 Thompson Boulevard, Watertown, N. Y.	1 F
CHARTENER, WILLIAM HOUSTON 5.....	414 Parkway, Monessen, Pa.	4 Gov. H.
COFFIN, LEWIS EDWARD 4.....	150 Church Street, Newton, Mass.	4 F
COLE, RICHARD WALLACE 7.....	(Physics) 260 Case Avenue, Sharon, Pa.	16 F
COOK, EDWARD MARSHALL, JR. 4.....	56 Cedarbrook Road, Ardmore, Pa.	D
COWAN, WILLIAM EDGAR 4.....	3220 Cove Road, Merchantville, N. J.	11 M
CUNNINGHAM, BRADLEY III 2.....	3716 T Street, N. W., Washington, D. C.	115 M

D

DAVIS, ALAN MARVIN 2.....	205 W. 89th Street, New York, N. Y.	3 F
DOANE, ROBERT FAY 3.....	240 Tyson Avenue, Glenside, Pa.	12 M
DOEHLERT, CHARLES ALFRED, JR. 3.....	55 Elizabeth Street, Pemberton, N. J.	111 M
DOMINCOVICH, PAUL H. 5.....	236 W. School Lane, Germantown, Philadelphia, Pa.	18 F
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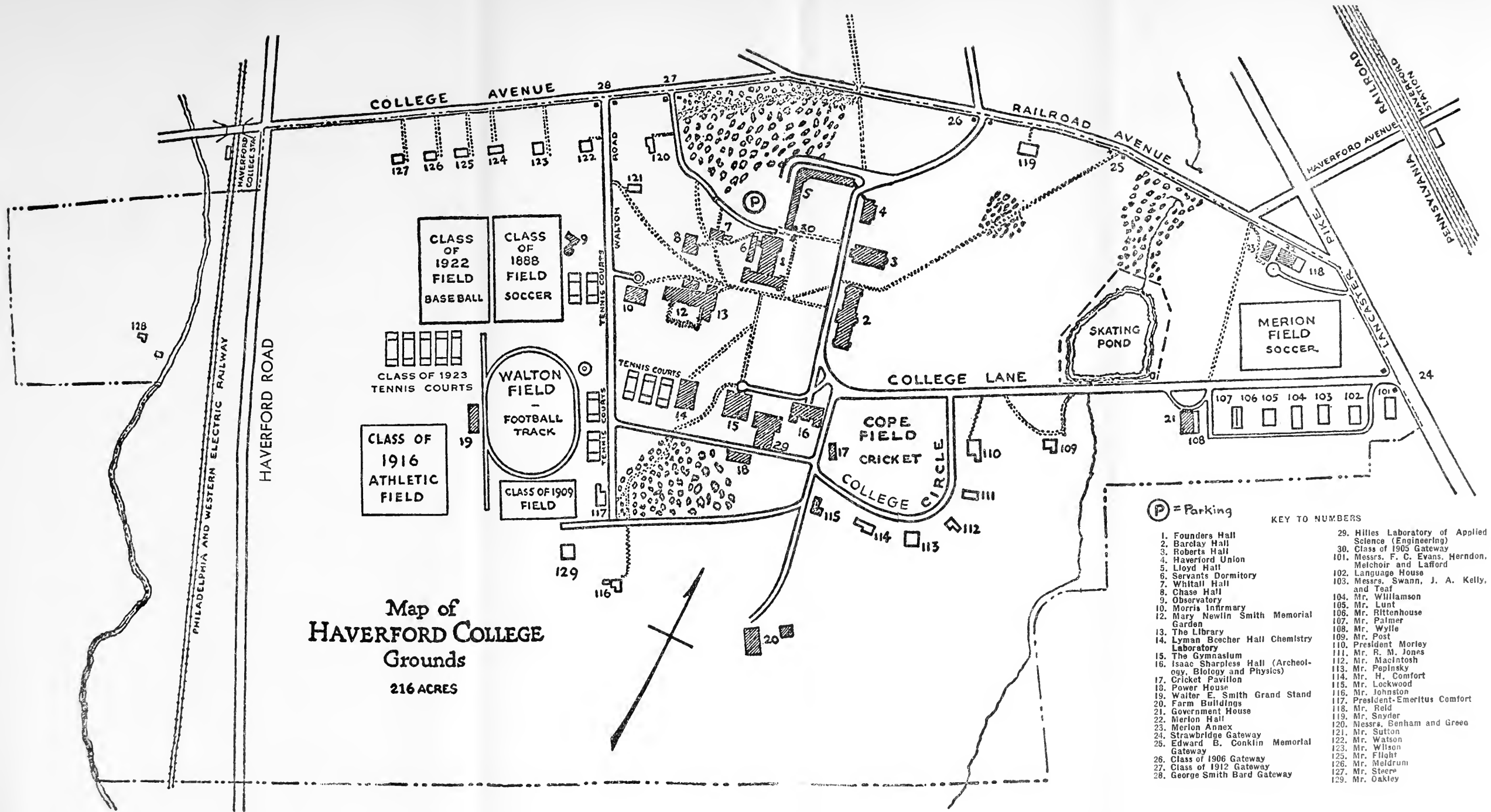
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# HAVERFORD COLLEGE BULLETIN



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THE PRESIDENT *of* THE COLLEGE  
1942-43

VOLUME XLII

NUMBER FOUR

FIRST MONTH, 1944



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THE CORPORATION OF  
HAVERFORD COLLEGE  
1943 - 1944

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REPORT OF  
PRESIDENT *of* THE COLLEGE

*Revised to Twelfth Month 31, 1943*

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HAVERFORD...PENNSYLVANIA



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1943-1944

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*Secretary to the President*

NOTE—For List of Faculty, see Catalogue 1943-1944



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# REPORT OF THE PRESIDENT

*Presented at the  
Annual Meeting of the Corporation  
of Haverford College,  
October 19, 1943, revised to January 1, 1944*

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## I

### A DIFFICULT YEAR

THE academic year 1942-43, reviewed herewith, was inevitably one of exceptional difficulty for all connected with Haverford College, particularly so in the case of those holding responsibility for policy and administration.

Aside from the many day to day problems raised by the cumulative strains of total war, decisions affecting both the basic traditions and the continued existence of this Quaker institution were posed in inescapable form. Whether or not the course which has been chosen was under the circumstances the most desirable is a matter for individual judgment. The role of the President of the College is primarily to administer rather than to determine fundamental policy. But it is well within the scope of this report to express the opinion that Haverford, during the period under survey, confronted a crisis more serious than any since financial difficulties forced its closing, from the Fall of 1845 to the Spring of 1848.

In my further opinion the continued operation and improvement of this small college is now definitely assured. Whatever the storms ahead, and unquestionably they will be severe, Haverford has been placed in condition to ride them out.

Reporting to this meeting last October, I remarked that "Mortality among colleges of the type of Haverford is to be expected if the war continues even another year. . . . The outlook is dark . . . for this small college which has so long striven to do its part for the building of a more fruitful individual and social life."

It would not, a year ago, have been politic to enlarge on the magnitude of the strains which even then were apparent beneath the seemingly smooth surface of our campus life.

In September, 1942, the College opened with an enrollment of 329, as compared with 350 in 1941 and 338 in 1940. But from Roberts Hall it was evident that the normality apparently maintained up to a year ago was deceptive. Early in November Congress lowered the draft age to 18 and soon afterwards, by conscription and voluntary enlistment, our enrollment began to decline at a rate which for a time averaged almost one student per diem. An undefeated football team, together with our more customary excellence in soccer, did much to maintain undergraduate morale throughout the Fall. But from November on the adverse effect of the continuous student departures on the psychology of those remaining was obvious. An atmosphere of instability began to undermine all constructive effort.

Particularly disturbing was wartime faculty restlessness. While the proportion is higher than in the student body, very few of our teaching staff are pacifists in any absolutist sense. Several faculty members left for various forms of war service. Many others told me of their urgent desire to serve their country more actively than seemed possible in a college catering to a steadily dwindling number of civilian students. Actual disintegration of a faculty which, as a whole, constitutes Haverford's chief claim to academic distinction, began to loom as a probability.

In the meantime, all efforts to establish civilian training units, in various forms of relief and reconstruction, broke down before the refusal of the Government to grant any measure of military deferment for enterprises of this character. It became steadily more apparent that the College must either give active cooperation in the war effort, or be prepared to close its doors.

As an institution clearly "affected with a public interest," and ac-

cepting tax-exemption on that basis, it seemed to me that Haverford was under strong obligation to extend such cooperation, much as I had personally regretted our participation in the war. Furthermore, the prospect of seeing Haverford become moribund, with the strong possibility that it would not later recover from that condition, was one that I was unwilling to contemplate in my capacity as President of the College. I had not come to Haverford, if I may venture to paraphrase Winston Churchill, in order to preside over its dissolution.

## II

### THE MILITARY UNITS

The steps whereby Haverford College, on sanction of the Board of Managers, accepted a Pre-Meteorology Unit of the Army Air Forces Technical Training Command, are well known and have been set forth in detail in the Spring (1943) issue of *The Haverford Review*.

For present purposes it is sufficient to note that the advent of this Unit, last February, while it has brought pangs of conscience as well as many wearying administrative problems in its train, has been in many respects of incalculable benefit to the College. I would mention first, the resultant stabilization and restoration of campus morale; second, the sense of professional service rendered during a grave national emergency; third, the stimulus of new and provocative educational problems and techniques; and lastly, the incidental property and administrative improvement which has resulted. On the subject of upkeep and maintenance your administration frankly admits the tonic effect of unadvertised military inspections directed to the single end of checking the efficiency, economy and cleanliness of our household arrangements.

The Pre-Meteorology Unit, however, was assigned to us for only a year of training and, soon after its establishment, we learned that its replacement by the Army Air Forces cannot be expected. On the assumption that the war would be of long duration, it therefore became necessary to plan for the period after February, 1944. So far as the complexities and uncertainties of the situation allowed, all

such planning has been outlined in special memoranda to the Board of Managers as it developed. I would like at this point to emphasize my debt of gratitude to the Board for its sympathetic, patient and understanding attitude throughout this whole period of exceptional difficulty and strain.

In considering such further military units as might be available for Haverford, the first desideratum was obviously to preserve, so far as possible, the traditional balance of the College instruction. After much inquiry and patient negotiation we were fortunate to obtain, for the cycle of instruction starting September 13, 1943, a composite Army Specialized Training Program unit composed of 140 Area and Language students, divided into Italian and German sections, plus 60 Basic Engineers. The latter are studying a predominantly scientific curriculum, involving Chemistry as well as Physics and Mathematics. Out of this basic curriculum the Army Specialized Training Division may later develop the type of premedical unit not at present available.

The Area and Language students will be at Haverford until June, 1944, and there is no assurance that they will be replaced. The Basic group is similarly here for three 12-week terms, but at the end of each term will be augmented by an increment of 60, giving this unit a continuing strength of 180 from March, when the Pre-Meteorology Unit will have departed.

So far as anything connected with the war program can be called certain, Haverford is thus assured of a minimum body of 180 Army trainees for the duration, calling for instruction in Mathematics, Physics, Chemistry, English, History, Geography and Mechanical Drawing. It is this arrangement which permits the optimistic belief that for this College as an educational institution the worst difficulties are over and the future is secure. But no outline summary can give any idea of the scope, complexity and difficulty of the problems with which all employes of the College have had to grapple during the past twelve months.

The overlap between the P-M and the A.S.T.P. units, a circumstance which could not be avoided if the latter were to be secured at all, has resulted in a current student load far greater than the College has ever handled heretofore. On September 21, when the academic

year 1943-44 opened, there were in residence 175 P-M trainees; 198 A.S.T.P. trainees and 129 civilian students. To these numbers were added, on September 27, the 20 members of the women's Reconstruction and Relief unit now pursuing studies on the graduate level with a view to eventual participation in the social and spiritual rebuilding of Central Europe. Thus the College is at the present time instructing, housing and feeding a total of 522 students, almost 50 per cent greater than the previous maximum enrollment, attained two years ago.

This enlargement has been made possible in part by the less commodious accommodations required by the Army students and in part by the three large residences, two on and one just off the campus, which, during the past three summers, have been successively converted to dormitory purposes. Thus all of the P-M unit is housed in Barclay Hall and all of the A.S.T.P. unit in Lloyd Hall, each of which normally accommodates only about half the men now living there. The R. and R. unit is centered in the Language House. The regular student body is divided between Founders (30); Merion Hall and Annex (43); Government House (14); Panmure Road House (22) and Day Students (20). Acquisition of the Panmure Road property, bought at public auction by the College on March 6, 1943, for the relatively modest sum of \$8500, has already proved a sound and far-sighted investment.

The modernization and enlargement of the College kitchen, accomplished in the Summer of 1941, has enabled us to cope with the feeding problem. At Haverford, as elsewhere, this has two main components—the difficulty of obtaining supplies and the difficulty of retaining help. The former issue is indirectly relieved by the services of the Army commissariat for military students and the latter has been partially met by a change to the cafeteria system of service, inaugurated at the opening of the present term. Meals are now served in three shifts—for the civilian students, the P-M unit and the A.S.T.P. unit. The R. and R. girls eat in the attractive waiters' dining room, the remodelling and renovation of which was part of the kitchen improvement undertaken in 1941.

### III

#### EXTENSION OF PENSIONS PROPOSED

Where so many have made such great exertion, any attempt at comparison would be invidious. Nevertheless it may be noted that the transition to present conditions could not have been made with as little confusion and upheaval as has been the case without the extraordinary service rendered by our Superintendent, Robert J. Johnston. No burden has been too difficult for Mr. Johnston to shoulder and not once has he even indicated that it might be beyond his powers to resolve any emergency, regardless of the conditions on expenditure with which his authority has been circumscribed. With the regretted resignation of Charles Clement as Steward, which became effective October 15, supervisory authority over the kitchen and dining room has been more strongly concentrated in Mr. Johnston's hands.

Similar tribute should be paid to William M. Wills, who assumed the office of Comptroller nearly two years ago. During this period he has endeavored to improve the rather primitive accounting procedure of the College, an undertaking made easier by the unfailing cooperation of the Treasurer. The major objective in the establishment of the office of Comptroller was to provide the administration with more complete and current information on the financial position of the College, thus facilitating the maintenance of a balanced budget. While the additional duties placed on the Comptroller's office by the advent of the Army and R. and R. units have been exacting, they have nevertheless been handled with energy. A result of the challenge has been a pronounced though still inadequate improvement in the important if uninspiring fundamental of business management.

Turnover among non-faculty employees is naturally high under war conditions, not only because of the draft but also because of Haverford's location in a vital industrial area where labor shortage is pronounced. The College cannot and should not attempt to compete with war industry in its wage policy. But it can, and I believe should, introduce a pension system, paralleling T.I.A.A. in a modest form, for those on whose continuous fidelity in manual and clerical tasks our institutional success in large measure depends.

The Federal Social Security program is not yet applicable to College employees. But that is not a valid reason for failure to inaugurate our own program, which could be modified at any time if Government insurance is extended to educational institutions, or even if adversity should make the financial load too costly to carry. Preliminary studies indicate that the cost to the College of an adequate contributory pension system for all non-faculty employees, effective at age 65, would be from \$7,000 to \$8,000 per annum, above the cost of such retirement allowances as are now being paid, on an individual basis, with Board approval. This is admittedly a heavy budgetary charge. But with good management it can be shouldered. It is therefore hoped that a regular pension system for non-faculty employees, dependent on service rendered to the College over the years, rather than on managerial discretion, may be approved and put in force early in 1944.

Presentation of this report at the conventional time—shortly after the opening of the traditional academic year—must not obscure the fact that the College has throughout 1943 been on a basis of continuous operation. Since the end of the last Christmas vacation, on January 3, 1943, there has not been a single week-day in which classes have not been held at Haverford and not one day in which the dining room, kitchen and dormitories have been completely closed. With the exception of a week's furlough in mid-August the P-M unit was here all of the past summer. The Summer Term for our own accelerating students was in operation from June 28 to August 28, inclusive, with 167 students in attendance. Of these 8 were girls, 4 of them Bryn Mawr undergraduates.

This second Summer Term, following the initial experiment in 1942, proved very successful, in spite of the effort involved for students, faculty and administrative officers. It differed from its predecessor in ending with regular graduating exercises for the accelerating Seniors, who would normally have composed the class of 1944 but who, by attending two successive Summer Terms, secured sufficient credit to dispense with the current academic year. Of the 87 members of this class who came to Haverford simultaneously with me, in September, 1940, no fewer than 33 were able to receive their diplomas on August 28, a record of completion challenged by very few of the contemporary classes in other colleges.

It may be noted that one of the members of this class to receive his Haverford degree was Richard M. Warren, who left us for military service at the end of his Junior year, was assigned to our Pre-Meteorology unit and there acquired sufficient academic credit to graduate with his classmates. The Haverford diploma awarded Private Warren by unanimous vote of the faculty symbolizes the solid educational values which Haverford and other colleges are making available to their military students. Our faculty are properly proud of this educational contribution, for which there is no parallel in any previous war. The classification and coordination of these academic records, on the same basis as those maintained for our civilian students, constitute a part of the heavy additional administrative load which perhaps deserves mention.

## IV

### ANALYSIS OF STUDENT ENROLLMENT

The Commencement of August 28 was, as foreshadowed in my last report, one of three held at Haverford during the year 1943. On January 30 we graduated 51 accelerating Seniors of the Class of 1943, with Paul V. McNutt, Chairman of the War Manpower Commission, delivering the address. On June 5, ten non-accelerating students of the Class of 1943 were graduated, with William Henry Chamberlin, '17, on whom the College then conferred the Honorary degree of Doctor of Letters, as speaker. The speaker for the August 28 Commencement was the Honorable Emory H. Niles, Judge of the Supreme Bench of Baltimore and Chairman of the Board of Goucher College.

The decision of the College to make acceleration optional has, in spite of its election by the great majority of students, resulted in considerable confusion as to class delineation. This is augmented by the admission of Freshmen at the beginning of each normal Semester and at the beginning of the Summer Term. We are therefore this year classifying our civilian undergraduates not according to classes, but by the term, from one to eight, inclusive, in which they are en-



gaged. The present breakdown, exclusive of the two graduate students not members of the R. and R. unit, is as follows: Term VIII, 3; Term VII, 10; Term VI, 10; Term V, 16; Term IV, 19; Term III, 14; Term II, 33; Term I, 22. The next admission date will be January 31, 1944, the beginning of the next Semester. Last February we admitted 25 new students, mostly mid-winter graduates of public high schools.

It will be noted from the above that almost 44 per cent of the civilian student body have only Freshman status and that the attrition is most pronounced among the older students. This statistical evidence merely emphasizes the obvious effect of the draft, whereby every boy becomes liable for military or alternative service on reaching his eighteenth birthday. But the figures do not disclose the result of this situation in making the civilian student body as a whole less mature than is normal, in addition to being much reduced in numbers.

To counter this problem the administration, with excellent cooperation from the student body, is favoring the continuation of all extra-curricular activities which emphasize individual and group responsibility. That is more possible at Haverford than at most small men's colleges because our civilian student enrollment, although only 39.5 per cent of that a year ago, is still relatively high. One college in our class, with a normal enrollment of 450, is starting this year with only 67 civilian undergraduates. The figures at another are 300 and 80 respectively. The present relative numerical strength of our regular student body is the more encouraging since we only estimated an average of 100 for the year.

For comparative purposes there is included a table showing departmental registrations of civilian undergraduates as of October 1 in the current and six preceding years. Those courses in which registration since last year has declined by a percentage less than the 60 per cent decrease in student enrollment are marked with an asterisk. Of particular interest here is the relative recovery in French, after a steady decline since 1937. The slight recovery in Greek and Latin achieved last year has been more than wiped out by present pressures. The latter department, which nominally supports one full and one associate professor, has this year only five students.

# *Department*

## *Registrations*

	1943	1942	1941	1940	1939	1938	1937
ART .....	1	3	14	19	17	15	14
ASTRONOMY ..	1	15	22	43	23	24	23
BIBLICAL LIT...	3	12	18	27	18	22	24
BIOLOGY .....	46*	66	81	92	77	101	78
CHEMISTRY ..	78	228	224	180	156	154	160
ECONOMICS	27	124	147	155	169	157	159
ENGINEERING .	25	95	74	62	48	61	66
ENGLISH .....	77	195	224	187	250	222	257
FRENCH .....	25*	36	64	93	105	111	116
GERMAN .....	52*	117	100	111	122	127	131
GOVERNMENT.	34	94	100	121	71	85	72
GREEK .....	6	24	18	12	18	13	16
HISTORY .....	45*	98	143	156	155	100	148
ITALIAN .....	0	4	1	8	2	4	7
LATIN .....	5	30	24	29	36	37	37
MATHEMATICS.	59	162	158	121	130	130	111
MUSIC .....	5	31	18	23	10	20	22
PHILOSOPHY ..	35*	86	99	95	94	121	100
PHYSICS .....	58*	120	77	83	55	52	56
SOCIOLOGY ..	28*	43	72	82	60	96	72
SPANISH .....	21	65	48	12	27	11	17

Decrease from 1942 less than 60%.

While the present virtual extinction of the classics is, one hopes, only a war phenomenon, the decline of these studies over a long period serves to sharpen the issue of Haverford's degree requirements, as to which there is much undergraduate dissatisfaction. The rule which makes some knowledge of Latin or Greek a prerequisite for the B.A. degree at Haverford has not resulted in maintaining the study of the classics here. It is resulting in increasing disparity between the number of B.A. and B.S. degrees which are awarded. At the three 1943 Commencements there were 22 of the former to 82 of the latter; in 1942, 18 and 48; in 1941, 27 and 50; in 1940, 24 and 29; in 1939, a class which graduated before the war broke out in Europe, 29 B.A. degrees as against 44 B.S.

Over the past five years the number of Haverford graduates to secure the B.A. degree is thus only 32.2 per cent of the number denominated Bachelors of Science. The majority of English and Modern Language majors now work for the science classification. The distinction has become so anomalous and arbitrary that the Academic Council has this Fall appointed a faculty committee to make immediate recommendations on the subject of degree requirements, as the first though separate part of a larger inquiry which will include consideration of the entire post-war curriculum. On October 21, 1943, the faculty approved this committee's recommendation "that the B.A. degree be the normal degree awarded to all graduates of Haverford College," subject to reconsideration after the war.

## V

### ROLE OF ACADEMIC COUNCIL

The Academic Council, now in its fourth year of operation, has become an indispensable part of the administrative machinery. In addition to the three elected divisional representatives and the two elected faculty representatives on the Board of Managers, it includes, for the emergency period, Dr. Steere, as Director of the R. and R. unit, and four other appointed members who now occupy the major administrative positions in the instruction of the military units.

From establishment of the P-M unit in early February to August

25, Dr. Richard M. Sutton gave devoted service as its Academic Director. With the addition of the A.S.T.P. unit Dr. Sutton returned to full-time teaching and Dr. Howard M. Teaf, Jr., was appointed Coordinator of Army Units and Dean of Military Students. Associated with him are Dr. Carl Allendoerfer as Academic Director of the Pre-Meteorology and Basic Engineering students; Dr. Howard Comfort as Academic Director of Italian, and Dr. Harry Pfund as Academic Director of German, Language and Area Study.

The present elected divisional representatives are Dr. Sargent (Humanities); Dr. Allendoerfer (Science), who thus serves in two capacities; and Dr. Watson (Social Science). The present elected faculty representatives on the Board of Managers are Dr. Oakley and Dr. Lockwood. These nine faculty members, with the President, Vice-President and Mr. Brinton H. Stone, since last June serving as Assistant to the President, as Secretary of the group, compose the Academic Council for the current year.

The Council, which normally meets every two weeks, has proved its value not merely as an advisory body but increasingly as the executive committee of the faculty, which has delegated a large measure of authority to this compact and representative group. To it must be attributed a great deal of credit for smooth operation during the chaotic period under review. The Council serves to integrate the functioning of the six distinct units of students; it provides a forum at which problems can be clarified and resolved in their initial stages; it facilitates frank interchange of viewpoint and permits devolution of authority for the prompt yet democratic solution of the many novel difficulties.

A case in point was the preparation, by a committee of the Council, of a formula for the payment of summer salaries, which has given general satisfaction in this delicate issue. This formula, in essentials, provides for a 25 per cent increment over normal academic-year remuneration for all regular faculty members teaching full-time throughout the entire summer in the military program, and a 15 per cent increment for those teaching full-time during the nine-week civilian Summer Term. If a full professor taught one-half time for P-M and one-half time in the Summer Term, his increment, for purposes of illustration was  $12\frac{1}{2}\%$  plus  $7\frac{1}{2}\%$  of \$5500, or \$1100. Individual summer payments under this formula varied from

\$1375, in three cases, to \$200, in the case of one part-time teacher, and totalled \$22,653.13, exclusive of the sum of \$1050 distributed in small increments to administrative officers.

A designated member of the Council—last year Dr. Snyder and this year Dr. Teaf—has also shared the responsibility of directing those faculty members whose regular students have all but disappeared to the shouldering of new loads in the instruction of the military and R. and R. trainees. As a result of these allocations there has been a general equalization of teaching load and no full-time member of the regular Haverford faculty has been either dropped from the payroll or asked to accept any salary curtailment whatsoever. On the contrary, work outside the normal academic year has received extra remuneration according to the formula described above. Moreover, the few cases in which there were discrepancies, on the minus side, between actual salary and standard for the grade, have this year been rectified. Nevertheless, we have achieved, as is shown by the report of the Treasurer, a substantial surplus for the second consecutive fiscal year.

Faculty appointments and promotions constitute the heaviest responsibility of a college president, becoming even more onerous if he enjoys the confidence of his Board to the extent that his recommendations in this field customarily receive almost automatic approval. Since individual judgment is always fallible, and since every faculty member has a strong personal as well as professional interest in the scholarship, character and temperament of all his colleagues, it seems desirable that the executive prerogative in this matter should be qualified. Early this year I therefore requested the two elected faculty representatives on the Board of Managers (then Professors Meldrum and Oakley) to serve *ex officio* as my advisers in all matters of regular faculty appointments and promotions. Both cheerfully accepted this thankless and potentially invidious duty which does not, of course, remove final responsibility from the president and, in the last analysis, from the Board of Managers as a whole. With the expiration of Dr. Meldrum's term of office on the Board his successor there, Dr. Lockwood, assumes this advisory function.

This development is illustrative, but only illustrative, of the sharply increased administrative load which has been placed on a

considerable proportion of the faculty. It has been my policy to give greater scope to the high degree of administrative talent possessed by many of our teachers. But war conditions have intensified the development far beyond any intention on my part. Only a general expression of appreciation is possible, though far more is due, for these extra services on the part of an overburdened staff. The effort is the more noteworthy because of its coincidence, in many cases, with heavier teaching loads, with service in unaccustomed fields of instruction, and with year-round labor. Regular faculty members, retired professors—Albert H. Wilson, Henry V. Gummere and Legh W. Reid—and those teachers who have been added for the instruction of the military units have all risen nobly to the emergency. There has been some recognition of this service in the overdue assignment of a full-time secretary to assist in coping with the stenographic needs of the faculty as a body.

## VI

### RECONSTRUCTION AND RELIEF PROGRAM

Among the additional undertakings of the College during the war emergency the effort to provide specialized Reconstruction and Relief training is in many respects outstanding. The present R. and R. unit represents a triumph over innumerable difficulties in this connection.

On February 1, 1943, under then existing Selective Service policy and after careful preliminary planning, a unit of some twenty bona fide religious conscientious objectors, half Haverford undergraduates and half from other colleges, was established here in conjunction with the training program of the American Friends Service Committee. Under the leadership of Professors Steere, Stinnes, Drake and Howard Comfort, but with the active and generous assistance of many other faculty members, a special curriculum was set up, concentrating on Language and Area study (Germany); International Relief Administration; Social Case Work and Bookkeeping, with a supplementary Applied Work Program. In spite of overhanging uncertainty this C.P.S. Reserve continued in spirited operation through the second semester of the normal academic year, but

was brought to a close in June by a more restrictive definition of Selective Service regulations.

The enforced termination of this training program did not, however, adversely affect a notable symposium on "Some Problems of Reconstruction" held in the Haverford Union under the auspices of the unit on the afternoon of June 5 (Commencement Day). Sponsored by the Bucky Foundation, the conference was led by a panel of distinguished speakers, including Count Carlo Sforza, former Foreign Minister of Italy; Clarence Pickett, executive secretary of the American Friends Service Committee; Dr. Benjamin Gerig, of the Department of State; William Henry Chamberlin, of the Haverford faculty, and Christopher Morley, Jr., then just returned from a year of active duty with the American Field Service in North Africa and the Near East.

The termination of the first Relief program brought no loss of enthusiasm for two other projects planned with the American Friends Service Committee to begin in the Summer Term of 1943. One of these was the training of an advanced unit of men specially selected from the C.P.S. camps for service in the European area. The other was the training of a special unit for reconstruction work in China, as approved by the Federal Administration at the request of the Chinese government. The first of these programs was carried through the Summer Term, with 15 men in residence in Government House. The China Unit, however, was never initiated, though a director and staff had been chosen and everything placed in readiness for its reception at the College. The eleventh-hour disintegration of this promising project was the result of a Congressional rider to the Military Appropriation Bill which in effect made the undertaking impossible, and which also severely restricted the training of the European Unit, planned to be of nine months' duration.

The third patient endeavor of the College to be of service in the field of organized relief has taken form in the present R. and R. unit, with better prospects because it is composed almost entirely of women graduate students, not at present subject to draft regulations. This unit is now comfortably quartered in the Language House, is pursuing a rigorous course of graduate study which will permit its otherwise qualified members to complete the residence work for the M.A. degree from Haverford, and follows a program which in-

cludes supervised field work planned for the summer of 1944. Its Academic Director is Douglas Steere, who has throughout refused to be daunted by any of the many discouragements which have been surmounted. But nearly every member of the regular faculty to some extent, and at least a dozen who should be singled out for their inspiring cooperation, have labored to make the present R. and R. unit the success denied its predecessors by circumstances and policies beyond our control.

In the words of Dr. Steere, there is "real satisfaction in reflecting that in keeping with its Quaker tradition, Haverford has helped to quicken and to prepare some sixty young men and women for this highly important service of healing and to move them in spite of all hindrances to continue their training and their faith in their task until one day they may represent the college and its spirit in helping to thaw the heart of the frozen world."

## VII

### UNDERGRADUATE MORALE

In spite of adverse circumstances the morale of the attenuated civilian student body continues high. Reference has been made to the effort to maintain extra-curricular activities to the fullest possible extent and it is hoped that the alumni, realizing the difficulties which confront a small and decidedly juvenile undergraduate body, will this year be more, rather than less, generous in their support of student activities. By contrast with last year's outstanding team we have this season only a scrub football squad, with no regular schedule. This team, "sparked" by "Pop" Haddleton, nevertheless won all the three games played, including a victory over a non-military Swarthmore team, thus giving Haverford its second consecutive undefeated and untied season. Other sports will suffer in greater or lesser degree. But the Haverford News continues to appear weekly, WHAV adorns the local air waves, and musical prospects, reinforced by the notable talent which has made the P-M band outstanding, are excellent.

Musical development at the College is being consciously pushed by the Administration and has been assisted by gracious permission



from Alfred Percival Smith to utilize his large private room, at the north end of the Union, as an attractive Music Room under the personal supervision of Professor Swan. An excellent Steinway Grand has been added to our equipment in this field and concerts of Chamber Music and other informal renditions are planned in this pleasant environment for the coming season. A series of public concerts during the Summer Term, including a delightful program rendered by the P-M band from the north entrance of Founders, proved a very pleasant innovation for the neighborhood as well as for the campus community. The same widespread interest is anticipated for the public concerts scheduled in Roberts Hall this winter.

The old Music Room, in the basement of the Union, has been converted into a lounge for the women students of the R. and R. unit. The parlor in Founders, across from the faculty room, has become the alumni office, in charge of Raymond T. Ohl, '21.

With the military students occupying both Lloyd and Barclay, and at present outnumbering the civilian undergraduates nearly three to one, it has been the more important to safeguard the interests of the latter as the essential core of the College. Such safeguards are also rendered necessary by the relief and reconstruction training, which of itself absorbs a very appreciable proportion of faculty time. Accordingly, several classes, as in Latin, are being offered under circumstances in which tuition becomes practically individual instruction and no normal offerings have been withheld because the student demand fails to provide economic justification for the cost involved. Without our Army units it would, of course, have been far more difficult to maintain a faculty able to give the quality of instruction which Haverford insistently maintains.

Special care has also been taken to make both the Government and Panmure Road houses attractive. Dr. and Mrs. Laurence Wylie, newcomers to the campus, are installed as Directors of the former, while Dr. T. O. Jones has taken residence in the private apartment built into what is now known as "Science House" on Panmure Road. Dr. Francis Evans, another new faculty member, has special responsibility for the welfare of students in Merion Hall. Señor and Señora Asensio continue in charge at the Language House, now headquarters of the R. and R. unit. Thus there is a more careful, though unobtrusive, supervision than has been the rule for many years, a

policy rendered desirable by the psychological disturbance of the times and the unusual immaturity of the student body as a whole. To promote closer faculty-student relationships a series of informal dinners, with some twelve students and two or three professors attendant at each, was inaugurated on October 14 and will be continued as a college function throughout the Winter.

Of statistical interest is the fact that the smaller student body this year represents 20 States, including the District of Columbia, as against 29 States last year and 26 two years ago. Two of the students are Chinese, and one Peruvian; four are Japanese-Americans from the West Coast; one is from Hawaii, and one an American of Negro extraction. Undergraduates registered as members of the Society of Friends number 20. Expressed as a percentage of the civilian undergraduate body this is 15.5, as against 15.8 last year and 14.6 two years ago. Of the 20 members of the R. and R. unit, four are Friends.

Under the direction of Dr. Flight, a non-denominational Vesper service is now being held for the military students at 5 p.m. on every Thursday except the next to the last in each month. As Fifth Day Meeting has been moved to the same hour—which should make attendance of members of the Board from this vicinity less difficult—and as attendance of the military students at the Vesper service is optional, the arrangement permits the latter also to attend Meeting when so inclined. It has been suggested that this arrangement might be made reciprocal.

In this connection a discreet inquiry was, during the past year, made by the Administration on the student attitude towards compulsory Fifth Day Meeting. On the whole the undergraduate reaction continues to be very favorable, in part because of the steadfast devotion given by Dr. W. W. Comfort to this ministration. The chief criticism is that the goal of a Silent Meeting is rarely, if ever, achieved. It is asserted, perhaps with justice, that a small number of the faculty in attendance are almost habitually moved to speak and that others, whom the students name as men from whom they would like to hear, are seemingly either never inspired, or else are forced to restrain their inspiration by the greater celerity of others in addressing the Meeting. Several students say that they would themselves occasionally like to voice a concern, if the short time available were

not so completely monopolized by a few faculty members. At a time when every individual viewpoint seems so limited, and when the need for communion with the Infinite is so vital, it may be hoped that there will occasionally be a wholly silent worship at the undergraduate Meeting.

## VIII

### THREE COLLEGE COOPERATION

The three-college cooperation of Bryn Mawr, Haverford and Swarthmore made solid, rather than sensational, progress during the year under review. Its practical value is at present most pronounced in faculty interchanges whereby emergency teaching deficiencies at one institution are tided over with the cooperation of the others. These interchanges are becoming so frequent that it would be tiresome to list all that have taken place during the past year. Student interchange is naturally easiest between Bryn Mawr and Haverford, though an involuntary form of this took 45 Haverford V-12 enrollees to the Swarthmore College Naval Training Unit in June. The contingent included a large part of the Haverford football squad and as Navy regulations, unlike those of the Army, permit the playing of College football by enlisted men, it may almost be said that past gridiron rivalries are now culminating in one joint Swarthmore-Haverford team.

At the invitation of President Nason I delivered the Fall Commencement address at Swarthmore and there presented Haverford diplomas to five of our former undergraduates who, as a result of the Trimester then concluding, have earned sufficient credit in the Swarthmore Naval Unit to entitle them to the Haverford degree. In addition to being a pleasant symbol of Haverford-Swarthmore cooperation this event was, in effect, the fourth Haverford Commencement of 1943. That is not inappropriate, since 1943 has already produced at least four times as many headaches as any normal College year.

In addition to one student in Art, five Haverford undergraduates are taking the course in Money and Banking at Bryn Mawr. By coincidence this same course was last year omitted at Bryn Mawr, and was attended by several girls from that College when given by

Dr. Fetter here. Two Haverford students are now studying Psychology at Bryn Mawr and one is taking a course in Spanish-American Literature there. Bryn Mawr has also graciously arranged a special laboratory course in Embryology for eight Haverford students, for which this College is remunerating the professor in charge (Dr. Oppenheimer), since it is wholly a Haverford course, though given at the sister institution.

A more unusual example of the triangular cooperation was carried through in conjunction with the U. S. Employment Service during the second semester last year. With Haverford initiative, and under the general guidance of Dr. Frank D. Watson of our faculty, teachers and students of the three Colleges for some weeks gave voluntary interviewing and classification service to undermanned employment exchanges of the Philadelphia area, this service counting for laboratory credit in certain Social Science courses. The experiment was undertaken by special arrangement with the Federal Security Administration and we have been urged to repeat it, if possible on a larger scale, this year.

Wartime conditions have made it advisable temporarily to abandon the plan for a joint three-college director of library services, which of course would not be allowed to infringe upon the complete autonomy of each College library. Nevertheless, with practical evidence of its advantages the three-college cooperation is steadily making headway, not merely as a result of the monthly luncheon conferences of Miss McBride, Dr. Nason and myself but also by reason of ever closer faculty and student association. It is not impossible to visualize a time when it may seem desirable to unite these three colleges to form a single unique university, without any more injury to the identity of the separate units than is caused to Balliol or Christ Church or New College by their participation in the larger life of Oxford University. If this development should ever come to pass the work of the past three years will prove to be not merely illustrations of cooperation for mutual benefit, but also the first foundation work for possible consolidation.

## IX

### CHANGES, CONTRIBUTIONS AND NEEDS

Alumni interest in Haverford was unquestionably stimulated by the spectacular football season of 1942, in which an undefeated and untied team climaxed its record by beating Swarthmore, on November 21, for the first time since 1916. It remains to be seen whether enthusiasm then aroused will carry over now that the activities of the College are less dramatic, but the need for graduate loyalty far greater, than a year ago. With the exception of the Pittsburgh association every local organization held its annual dinner last year, that of New England being addressed by the Vice-President and those of New York, Baltimore and Washington by myself. The last-named organization is, understandably, now far larger than ever before. But its rapid enlargement has not meant any decline in the vitality of other local alumni bodies. There should be more of these.

The Haverford Review, which has now completed its second year of publication, has in the last three issues, under the skilled editorship of Dr. Ralph Sargent, increasingly proved its value as a link between the College and its alumni, and has further evoked widespread interest as a distinctive forum on the problems and potentialities of the small college during this period of crisis. It is hoped that this very valuable little publication may now be regarded as out of the experimental stage, though the difficulties of the times may make it desirable to bring out only two issues (instead of the normal three) this year.

Changes in the regular faculty have been less numerous than might have been expected during the period under review. The most serious loss for the campus community was the tragic death, on October 13, of Assistant Professor Montford V. Melchior, who since June had been Acting Chairman of the Romance Language Department, succeeding René Blanc-Roos, whose resignation was accepted that month. Dr. Howard Comfort has now added the acting chairmanship of this department to his other duties.

Professor Frank W. Fetter has been on leave of absence with the Foreign Economic Administration since February 1 and is now stationed in India. Since June Dr. Emmett R. Dunn has been absent on a year's leave of absence at the Institute de Ciencias Naturales in

Bogota, Colombia. Dr. William E. Cadbury left this Fall for a year's leave of absence to be spent at the University of North Carolina. Dr. Alexander J. Williamson, Mr. Lindsay Lafford and Mr. George Vaux have, during the past year, entered the Navy, while Mr. Roy Randall has joined the Marine Corps. Otherwise there have been no losses in our regular faculty since my last report. There have been numerous additions, of a temporary character, all of whom have entered into the cooperative solution of our many problems with enthusiasm as well as ability. Two deaths among our professors emeriti must be regretfully noted—that of Elihu Grant on November 2, 1942, and that of Don Carlos Barrett on January 20, 1943.

Promotions during the year raised Dr. Ralph M. Sargent from Associate Professor to Professor of English; Dr. Howard M. Teaf, Jr., from Assistant Professor to Associate Professor of Economics and Dr. Edmund Stinnes from Visiting Professor to Associate Professor of Government. Mr. Brinton H. Stone, who came to the College a year ago as Assistant Dean, has, as noted in another connection, been made Assistant to the President; Mr. Thomas C. Gibb, formerly Instructor in English as well as Assistant Dean, has been made Acting Dean, relieving Vice-President MacIntosh of one of his many responsibilities. Mr. Gibb, however, continues to give some assistance to our English Department.

Contributions during the past year are detailed in the Treasurer's Report and can here be given only a general, though grateful, acknowledgment. That which must arouse the deepest appreciation was the \$2500 gift whereby Walter C. Janney cleared off the lingering debt on the Library addition, which now stands wholly free and unencumbered. The same member of the Board of Managers has made invaluable contributions of rare volumes to the Quakeriana Collection. The foresight of Morris Leeds, in making the beautiful Treasure Room in the Library possible, is increasingly attested by various deposits of priceless literary and historical material, in which the gifts from Walter Janney, '98, and Christopher Morley, '10, are outstanding. Under Dr. Lockwood's guidance an organization of the "Library Associates" of Haverford College has been formally launched. His very interesting report is printed in this issue of the "Bulletin."

An anonymous friend of the College this year supplemented his

1942 gift of \$2250 for Summer Term scholarships with a similar \$1500 contribution, thus greatly assisting a number of meritorious students to pursue the accelerated program. The same donor contributed \$2000 for special scholarship assistance to Chinese students here. The Field House fund, formally inaugurated after the Wesleyan game a year ago, has without any attempt at promotion climbed by small contributions to attain the \$1000 mark. A drive in its behalf will be inaugurated when the time seems propitious.

Mention of the proposed Field House suggests the question of post-war plant, to which it is not too early to give advance consideration. Merion Hall and Annex are definitely antiquated, as well as badly situated for dormitory purposes. Another unit of Lloyd Hall, together with our House development, would permit us to abandon Merion and still easily accommodate the enrollment of 400 students agreed upon as the desirable post-war figure. The question of replacement of the Chemistry Laboratory, though this building is for its age still in excellent condition and has been improved during the past year, is brought nearer by the steady advance in our premedical and other Chemistry training. All our laboratory equipment should also be carefully reviewed in anticipation of post-war trends. Construction of a Field House might well permit conversion of the well-built gymnasium to laboratory needs.

There might also be consideration of a residence definitely designed as the home of the President of the College, which I may with the more propriety suggest because there can be no assumption that I shall still be at Haverford when the time for this improvement comes. It is not out of order to state here the belief that the man responsible for the administration of Haverford during the difficult war period is by no means necessarily the appropriate President to handle the presumably very different problems of the reconstruction era. This is not the time to explain the reasoning behind this conviction. The essential point is that Haverford must continue to be creative as a dynamic institution, and should therefore consciously avoid any dubious identification of individual leadership and corporate accomplishment.

Suggestions for the College building program which should at least be envisaged before the end of the war will be made to the appropriate committee of the Board of Managers in due course.

Examination of future needs in respect to plant is the more logical because present equipment has now been brought to a high state of efficiency, in part as a result of the advent of the military units. Barclay Hall was completely renovated before the arrival of the P-M group and desirable improvements have been made in Lloyd Hall in connection with the A.S.T. installation. The furnishing, equipment and lighting of classrooms and laboratories have been similarly further modernized. Of particular interest in this connection is the decision to install, this winter, the long-discussed and much-desired central telephone switchboard, made possible in wartime because our service to the Government gives us the necessary priorities.

## X

### THE COLLEGE AND THE COMMUNITY

That the American College owes direct service to its community has been stressed in previous reports as a cardinal principle of the present administration. It is therefore gratifying to note that the contribution of our E.S.M.W.T. program, initiated on the campus as a form of adult education for neighboring industrial workers, has increased during its second year of operation.

In 1942-43 there were 148 enrollees in seven courses as against 98 enrollees in six courses the year previous. A college certificate and congratulatory letter are sent to those completing each course. In each year there have been 16 instructors, eleven members of our faculty and some alumni among the remaining five. Professor Rittenhouse, who has throughout served most competently as institutional representative for the U. S. Office of Education in this important program, points out that: "A much larger percentage of enrollees this past year have been older men and these have been recruited from the business class in such relatively non-essential work as insurance agents, accountants, salesmen, etc. Also women, young and middle-aged, have been enrolled this year in compliance with the Government's directive, about thirty in all."

Limited time will not permit even itemization of all the other instances in which the College is attempting to integrate itself more firmly with the community with very satisfactory results. A case



which may be noted, however, is the service of Dr. Louis C. Green in developing more widely the old-established policy of "open house" at the Strawbridge Memorial Observatory. Among the groups of astronomical observers one notes a contingent of fifteen Negro girls from the Buck Lane Community Center. Moreover, the whole campus during the past year has been made freely available to Boy Scout jamborees and well-conducted social groups, as well as to inter-academic track meets and delegates to the September conference on Religion in Higher Education. The College skating pond is open this winter to the public on Sunday afternoons as well as daily.

In addition to those who addressed the three Commencements, a number of important speakers have been brought to the campus during the past year. A review of the list shows that the urgency of preserving the fundamental liberties in wartime was, through no accident, the theme most insistently stressed.

Thus Charles E. Houston, a prominent Negro attorney of Washington, spoke in Collection on October 27, on "The American Negro's Position in the Present Crisis"; on December 1, John F. Finerty, of the American Civil Liberties Union, told of the work of that organization; on January 12, Carl Ackerman, Dean of the School of Journalism at Columbia University, addressed Collection on "Freedom of the Press in Wartime," his remarks here being later printed in "Vital Speeches of the Day." In addition to these and other notable Collection speakers, many prominent men visited Haverford to participate in Seminar and other group discussions. Dr. Stinnes has been particularly helpful in bringing to the campus such leaders of German liberal thought as former Chancellor Bruening, Dr. Wolfgang Stresemann, Robert Ulich, Max Brauer, Hermann Rauschning and others. Scandinavian members of the diplomatic corps responded heartily to requests to furnish guest speakers for the R. and R. unit. Some were brought in by the very active undergraduate International Relations Club, which carried off high honors at the model United Nations Assembly held at Hamilton College last March. Among many special addresses on scientific subjects may be mentioned the one by Dr. J. Russell Elkinton, '36, on "The Role of Water in Physiology."

The Shipley Lecture was given on January 15 by Mr. Edmund Wilson, speaking on "Finnegans Wake." The Library Lecture, de-

livered by Dr. Elton Trueblood, on December 10, was on "The Message of the Bible for This Hour." The normal undergraduate musical and dramatic performances, given in conjunction with Bryn Mawr, all drew good audiences, in spite of mounting transportation difficulties.

Although the health of the College during the year under survey was on the whole excellent, the report of the Morris Infirmary reflects the additional load resulting from the addition of the P-M unit in February. During the academic year 1941-42 (excluding Summer Term), the Infirmary admitted 94 patients who were hospitalized there for a total period of 455 days, an average of 4.85 days per patient. For the corresponding period in 1942-43, the figures were 214 patients admitted for a total of 984 days, with the almost identical average of 4.60 days per patient. In the past year there was a total of 3893 visits to dispensary patients as against 3469 such visits the year preceding. The gratitude of all connected with Haverford is due to the College physician, Dr. Herbert W. Taylor, '14, and the resident nurse, Miss Mabel S. Beard, for their assumption of heavy additional professional duties.

This point is as logical a place as any for me to express my deep appreciation for the service rendered to Haverford in innumerable ways by Major William George Frey, U.S.A.A.F. Commandant of our Pre-Meteorology Unit since April 26 and since September 13 in command of the entire military contingent. It has been a wholly pleasurable experience to work cooperatively with this courteous, tactful, intelligent and efficient officer. The solution of many of our new problems would have been more difficult without the always constructive collaboration of Major Frey.

A passing reference should perhaps be made to certain extra-curricular activities assumed by the President of the College during the year under review. It witnessed my appointment to three important educational committees, two meeting periodically in Washington and one in New York. These, together with the preparation of numerous addresses and articles, have absorbed a great deal of time but have not been without value for Haverford as an institution. The committees referred to are: (1) The War Department's Civilian Advisory Committee on the Army Specialized Training Program; (2) The American Council on Education's Committee on

The Relationships of Higher Education with The Federal Government; (3) The Association of American Colleges' Committee on Problems of Citizenship.

In addition, with approval of the Board of Managers, I made several extended trips to Washington in January and February in connection with the writing of a report, requested from me by the War Manpower Commission, on "The More Effective Utilization of Small College Facilities in the National Interest." Copies of this report, dated February 11, 1943, have been furnished all members of the Board of Managers.

## XI

### THROUGH A GLASS DARKLY

In conclusion, apologies are in order for the length of this annual report and also a word of explanation for its preoccupation with factual matters. I have sought to show, admittedly in bald summary, how Haverford College has responded and expanded in the face of the most severe challenge in its 110 years of corporate life. There has been only implicit consideration of the alterations in educational policy which may become necessary or desirable as a result of the cosmic upheaval through which our civilization is passing.

This subordination of speculation is intentional. The future is so obscure, the changes which are coming in our society may be so profound, that it seems the path of wisdom not to indulge prematurely in tenuous consideration of the post-war policy of Haverford. For the present the essential task is to improve the College organization, to strengthen and vitalize its morale, to modernize its equipment and broaden its outlook so that whatever post-war policy may later seem clearly advisable can then be carried out with maximum chance of success.

Moreover, it seems probable that the changes to be anticipated at Haverford will be less disturbing than those in store for society as a whole. That is because this College has always concentrated on fundamentals rather than superficialities. And it is the superficial rather than the fundamental values which will, I think, be swept away by the revolution now in process.

If a result of the current revolution is a substantial alteration in

the character of our middle class, then the composition of the Haverford student body will also change, almost automatically. If a result should be a permanent increase in the authority and assertiveness of a socialistic state, then Haverford will necessarily have to emphasize a close and purposeful integration with the larger community of which we are a part. While conservative, Haverford has always proved itself adaptable. Emphasis on a well-poised flexibility, which will permit us to render the finest possible educational service amid wholly unpredictable circumstances, is at present more important than any endeavor to design blueprints for a future on the character of which wise men withhold prediction.

Such flexibility of outlook will in the long run mean the strengthening rather than the surrender of our educational ideals. I believe these may be summarized by saying that they involve the parallel and coordinated development of the ardent intellectual curiosity, the constructively critical instinct, and the sincerely Christian character of the youth entrusted to our care. Whatever conceivable economic and political circumstances in which Haverford may find itself, these educational objectives can be maintained by the College and attained by those who study here. Despite the war, Haverford moves forward.

FELIX M. MORLEY,  
*President.*



## Report of the Librarian

*To the President:*

I have the honor to submit herewith the Report on the Library for the academic year 1942-43.

### I

It has been demonstrated in the past year that the Library is the department of the College least disturbed by the war. This does not mean that it is unaffected by the war, for it certainly reflects in its book-collections the complete eclipse of European culture and in its services it has had to meet new educational demands at short notice.

But thanks to the steady income of our library endowments and to the unbroken ranks of our small, but experienced staff, the Library has functioned with outward calm.

As during the two previous years, nine-tenths of our income for books has been spent for American and British publications and one-tenth set aside for post-war purchases of material not now available. As usual, the volumes donated have been approximately equal in number and value to those purchased. To put each of the 3500 new books (both those purchased and those donated) into the exact spot where it belongs among the 160,000 already shelved, and to keep track of every book in the library in a score of different categories useful to students, teachers, and outside readers (such as home-loan, over-night reserve, three-day reserve, individual use in stack-carrels, and just plain table-use of books drawn from our general and our many special and separately shelved collections) has been the task of the library staff, working with the utmost of war-time economy.

The accelerated program and the work of the army units have required a considerable increase in the "reserving" of books, and in the borrowing of books from neighboring institution—a practical form of cooperation which has grown steadily and will continue to grow. The class-rooms and the Gummere-Morley room in the new building have been a great help in meeting some of the problems of war-time instruction. In general, it may be said that the army students have used the Library as much as the civilians, but their use has been concentrated in the evening hours. Many an evening the old building and the study-carrels in the stacks have been practically full.

A first step toward the complete use of the fourth tier of the stacks has been made by moving the entire Mathematics Library from its quarters in Founders Hall, which were not fire-proof, to its permanent location in the new building. Adjacent to the book-shelves, two rooms on the fourth tier have been assigned to the Mathematics Department: one for seminar purposes and the other as a computing room, containing calculating machines. The furnishing of the south-east class-room and the remaining six or seven studies in the fourth tier is much to be desired.

This leaves five department libraries permanently located in other

buildings along with their respective laboratories: biology, physics, engineering, chemistry (which has been enlarged), and astronomy (which has been very thoroughly reorganized by Prof. Green). A good start has been made on a more accurate system of cards for the unsupervised charging-out of books from these libraries.

## II

The popularity of the Gummere-Morley Room has steadily increased. If the lure of its comfortable chairs leads many students to use it merely as a study, its primary purpose is nevertheless not forgotten. Browsers, though *rarae aves*, are regularly seen there. Complete selections of books have been made in the fields of travel, history, and literature. The curator, Prof. Sargent, has sought advice and help from many sources, and has chosen the books with great care.

Although an art-museum (in terms of floor-space) is out of the question in the library building, the hanging of paintings on the walls is a splendid enhancement of the cultural value of the library. The new catalogue-room, the center of the building both structurally and functionally, offers an unusually fine setting for our now distinguished collection of paintings: the Pinturicchio presented by Miss Griscom and the three masterpieces of the Stork Collection—Whistler, Sargent, and Inness. Temporarily hung with these is the Hans Has loaned by Prof. Bernheimer.

In a very different category artistically, but of great historical interest, are the six tapestries from the League of Nations Building at the New York World's Fair. These tapestries, depicting the evolution of political society, were loaned by authorization of Prof. Gerig. They have now been hung in the Staff Room—not in order that their enjoyment may be restricted to the members of the staff (for the room is wide-open all day and the tapestries are readily visible from the catalog-room outside), but in order that the tapestries may be seen in close sequence and in their proper order, as well as to prevent their clashing artistically with the paintings.

Artistic, as well as practical, considerations suggest what must be our next step in reconstructing or remodelling the Library. The old North Wing—the entire original building of the 1860's—must be

"uncluttered" and restored to its pristine effectiveness as a charming and simple reading-room, without the gallery which blocks off the light and without the medley of central bookcases. This and other rearrangements and restorations in the old building are well worth planning as a post-war hope.

When the Library Associates shall have been well established, as outlined in my article in the summer number of the *Haverford Review* (Vol. II, No. 3), they may perhaps some day hold meetings in the old room.

The total number of volumes in the library at the end of August, 1943, was 160,268, not including the uncatalogued government documents. During the past year 3448 books were formally added to our collection. 1634 of these were purchased, 1461 were gifts, and 353, though merely deposited here by the United States Government, were classified and catalogued. There were five or six hundred more government documents added to the uncatalogued collection. 152 volumes were discarded, as being worn out, lost, or no longer useful.

### III

We wish again to express our thanks to all those who have so generously donated books or money. The following gifts are especially noteworthy:

An anonymous gift of \$750.00 for the Library of Congress Catalog of Printed Cards.

From Morris E. Leeds, \$400 for the photo-lithoprint reproduction of Beilstein's Handbuch der Organischen Chemie, and \$100 as an organization fund for the Library Associates.

From Prof. and Mrs. Kirsopp Lake, 550 books and pamphlets.

From E. Marshall Scull, 616 volumes in memory of Edward Lawrence Scull, class of 1864.

From Dr. Donald C. A. Butts, 112 scientific books.

From Elizabeth Williamson, 99 volumes.

From Peter Deitsch, 64 volumes of general and children's literature.

From Ann C. Almy, 45 volumes of the Everyman series.

From William L. Baily, 45 volumes.

From the estate of Albert Edmunds, books and personal papers.

From the Corn Exchange National Bank, 23 books on economics.

From John G. Herndon, 13 volumes.

From the Biddle Law Library, 12 volumes.

Not to be reckoned in number of volumes are the extraordinarily valuable books and manuscripts presented by Walter Janney and by Christopher Morley, which are on exhibition in our Treasure Room. With these should be mentioned the first folio Shakespeare deposited on indefinite loan by John L. Balderston.

Many other donors contributed one or more volumes each. A complete list of these individuals and institutions would contain over two hundred and fifty names. To all of them we are grateful for their contributions.

Several more volumes have been added to the Rufus M. Jones collection on Mysticism, bringing the total up to around 965 volumes. The cataloging of these books is practically completed and many have been bound or rebound, thanks to the generosity of friends of the college.

The total circulation of library books for the past year was 17,843. Of this number, 3,117 were loaned to professors, 11,621 to students, and 2,805 to borrowers not connected with the College. In addition to these, 219 were sent out on inter-library loan, and 75 were borrowed by us, besides many more which the students themselves borrowed from cooperating libraries in the vicinity. We find the Union Catalog of Philadelphia of great value in locating books, and we have also made frequent use of it in our cataloging department. During the year, we sent 3451 cards to be added to the Union Catalog.



Although circulation within the building cannot be included in our statistics, it has been extensive. It is bound to be heavy in an open-shelf library like ours. Books reserved by the professors for the various courses were extensively used during the year, both within the library and for overnight circulation. In addition to these books, many of the students made use of the carrels in the stacks to reserve books for indefinite periods.

Collections of 150 or more books for the Victory campaign were twice passed on to the Free Library of Philadelphia for distribution.

In place of Miss Barbara Overton, resigned, Dr. Else Goldberger, a graduate of the University of Vienna, was appointed to the position of Order Librarian and keeper of Library accounts.

D. P. LOCKWOOD,  
*Librarian.*



## REPORT OF THE CURATOR OF THE QUAKER COLLECTION, 1942-43

The first full year in the new Treasure Room of the Library has been one of progress commensurate with the beauty and utility of this new home for Haverford's rare books and Quakeriana. With safety now assured, friends of the College have begun placing here their choicest books and manuscripts. Rare works on Penn, Pennsylvania, and the Puritans have been given to us by Walter C. Janney. Christopher Morley has added many items to his earlier gifts of books and manuscripts, including an autograph letter-book of Bernard Barton and a Sherlock Holmes manuscript. John Lloyd Balderston has entrusted us with his Shakespeare First Folio. Henry J. Cadbury has contributed an unusual collection of early anti-Quakeriana.

The great library of the Representative Meeting of Philadelphia Yearly Meeting (Arch Street) is being analyzed and made ready for incorporation into the Quaker Collection. Quaker families, such as the Howlands of New York, and the Emlens and Copes of Germantown, have given Haverford the pick of their libraries, and four paintings of the famous Cope packet ships of Philadelphia have been presented by Thomas Pim Cope through Rufus M. Jones.

To the Charles Roberts Autograph Collection there have come over two hundred autographs from William Bacon Evans. The twenty-two scrapbooks of Josiah W. Leeds, placed here on loan by his children, contain many famous autographs, as well as much of interest relating to Quaker reform activities in the late nineteenth century.

A total of 210 Quaker books were received by gift during the year, in addition to 112 which were purchased. There were 315 manuscripts of Quaker interest given to the College, as well as 195 pictures, thirty-six manuscript books, and one map. To the Roberts Collection were added 233 autographs.

Much of the time and interest of the Curator and Assistant Curator were put into helping in the administration and secretarial work of the Reconstruction and Relief unit during the launching of this practical expression of the Quaker desire to share in rebuilding the warring world. This work will be taken care of through normal channels henceforth. But the duty to make the Quaker Collection a center of continuing usefulness is greater than ever, now that it enjoys the splendid setting of the Treasure Room.

It would be desirable if arrangements could be made for the room to remain open during the evening hours and on week-ends. More of Haverford's visitors would thereby see the treasures of the College, and students and scholars would find the annals of the Society of Friends more conveniently accessible.

THOMAS E. DRAKE,  
*Curator.*



## PUBLICATIONS OF THE FACULTY, 1942-43

### ALLEENDOERFER, CARL B.

"The Gauss-Bonnet Theorem for Riemannian Polyhedra" (with André Weil). Transactions of the American Mathematical Society, 53:101-129. Jan. 1943.

"The Training of Weather Officers in Wartime". American Journal of Physics, 11:153-154. June 1943.

### BABBIT, JAMES A.

"Disorders of Hearing: Diseases of the Ear". Chapter 20, pages 303-315, in *Geriatric Medicine*. Philadelphia: W. B. Saunders. 1943.

### CADBURY, WILLIAM E.

"Coprecipitation of Chromate with Barium Sulfate" (with William B. Meldrum). Industrial and Engineering Chemistry, Analytical Edition, 15:560-562. Sept. 1943.

### CHAMBERLIN, WILLIAM H.

*Canada Today and Tomorrow*. Boston: Little, Brown, 1942.

*The Russian Enigma: An Interpretation*. New York: Charles Scribner's Sons. 1943.

"Our Ally Mexico". Atlantic Monthly, 170:101-8. Dec. 1942.

"Sources of Russia's Strength". Harper's, 186:396-403. Mar. 1943.

"The Middle Road: Post-war." Harper's, 186:587-95. May 1943.

"The United Nations: Coalition for War and Peace". Yale Review, new series, 32:625-41. June 1943.

"The Confessions of a Chocolate Eater". Atlantic Monthly, 172:107-110. July 1943.

### COMFORT, HOWARD

"War and National Sovereignties". Nazioni Unite, vol. 1, Oct. 1942.

"International Authority and National Sovereignty". American Scholar, 11:504-6. Autumn 1942.

"The Modern Implication of Greek History". Crozer Quarterly, 20:196-211. July 1943.

"Terra Sigillata from Minturnae". American Journal of Archaeology, 47:313-330. July-Sept. 1943.

Occasional articles on Italy in the Christian Science Monitor and other newspapers.

Reviews of classical and archaeological publications.

COMFORT, WILLIAM W.

*Quaker Trends for Modern Friends*. Philadelphia: Friends Book Committee. 1943. 104 pages.

"Friends and the Bible". *Friends Intelligencer*, 100:236-237. Fourth month 10, 1943.

DRAKE, THOMAS E.

"Rare Penn Volumes for Haverford". *Haverford Review*, 2:27-28. Spring, 1943.

Rev. of Ethyn W. Kirby, *George Keith (1683-1716)*, in *Pennsylvania Magazine of History and Biography*, 64:484-485. Oct. 1942.

EVANS, FRANCIS C.

"Studies of a Small Mammal Population in Bagley Wood, Berkshire". *Journal of Animal Ecology*, 11:182-197. Nov. 1942.

"Sylvatic Plague Studies III: An Epizootic of Plague among Ground Squirrels (*Citellus Beecheyi*) in Kern County, California" (senior author, with C. M. Wheeler and J. R. Douglas). *Journal of Infectious Diseases*, 72:68-76. Jan.-Feb. 1943.

"A Population Study of the Beechey Ground Squirrel in Central California" (senior author, with R. Holdenried). *Journal of Mammalogy*, 24:231-260. May 1943.

"Double Captures of Small Rodents in California" (senior author, with R. Holdenried). *Journal of Mammalogy*, 24:401. Aug. 1943.

Rev. of Charles Elton, *Mice, Voles and Lemmings*, in *Journal of Wildlife Management*, 7:238-240. April 1943.

FLIGHT, JOHN W.

Rev. of W. M. Battenhouse, *This Seed of Faith*, in *Journal of Bible and Religion*, 10:233-34. Nov. 1942.

Rev. of W. E. Hocking, *What Man Can Make of Man*, in *Journal of Bible and Religion*, 10:231. Nov. 1942.

Rev. of W. A. Smart, *The Contemporary Christ*, in *Journal of Bible and Religion*, 10:244-5. Nov. 1942.

Rev. of Walter M. Horton, *Our Eternal Contemporary*, in *Journal of Bible and Religion*, 11:231-2. Aug. 1943.

Abstracts of archaeological and Historical studies in English and foreign periodicals in *American Journal of Archaeology*.

Editor, "Proceedings of the Society of Biblical Literature and Exegesis", in *Journal of Biblical Literature*, 62:1-24. 1943.

Associate Editor, *The Journal of Bible and Religion*.

GREEN, LOUIS C.

Rev. of J. C. Duncan, *Essentials of Astronomy*, in *The Review of Scientific Instruments*, 13:447. Oct. 1942.

HERNDON, JOHN G.

*Significant Developments Affecting Business During 1942*. Philadelphia: John C. Winston. 1942. 64 pages.

"The Federal Income Tax of 1942 Applicable to American Citizens and to Aliens Resident in the United States". Pages 1-126 in *The Winston Cumulative Business Administration*, vol. 3. Philadelphia. Jan. 1943.

"The Reverend John Thomson". *Journal of the Presbyterian Historical Society*, 20:116-158, Dec. 1942, and 21:34-59, Mar. 1943.

"Financial Recognition of Ex-servicemen". *Annals of the American Academy of Political and Social Science*, 227:122-127. May 1943.

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"Six Herndon Immigrants to Colonial America". *William and Mary College Quarterly Historical Magazine*, second series, 23:330-335. July 1943.

Rev. of D. O. Bowman, *Public Control of Labor Relations*, in *American Political Science Review*, 37:144-6. Feb. 1943.

Comment on *Wartime Rationing and Consumption*, in *American Political Science Review*, 37:374. April 1943.

JONES, RUFUS M.

*New Eyes for Invisibles*. New York: Macmillan. 1943. ix-185 pages.

"Jewish Mysticism". *Harvard Theological Review*, 36:155-163. April 1943.

"American Friends in France 1917-1919". *Administration of Relief Abroad*, Russell Sage Foundation, August 1943. Pages 1-27.

LEGALLEY, DONALD P.

"Improvement of Color Vision by Vitamin Intake". *American Journal of Pharmacy*, 115:95-99. March 1943.

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MACINTOSH, ARCHIBALD

"Differential Effect of the Status of the Competing Group upon the Levels of Aspiration". *American Journal of Psychology*, 55:546-554. Oct. 1942.

MELDRUM, WILLIAM B.

"Coprecipitation of Chromate with Barium Sulfate" (with W. E. Cadbury). *Industrial and Engineering Chemistry, Analytical Edition*, 15:560-562.

Rev. of Randall and Young, *Physical Chemistry*, in *Journal of the Franklin Institute*, 234:403-405. Oct. 1942.

MORLEY, FELIX M.

"Can The Small College Survive?" *Saturday Evening Post*, Oct. 16, 1943.  
Various Articles and Reviews.

OAKLEY, CLETUS O.

"The Coming Revolution—in Mathematics". *The Mathematics Teacher*, Nov. 1942, pages 307-309.

OHL, RAYMOND T.

Rev. of Edith Hall Dohan, *Italic Tomb-Groups in the University Museum*, in *Classical Weekly*, 36:7-8. 5 Oct. 1942.

PANCOAST, OMAR, JR.

"Malthus vs. Ricardo—The Effects of Distribution on Production". *Political Science Quarterly*, 58:47-66. Mar. 1943.

PEPINSKY, ABE

"Laryngeal Ventricle Considered as an Acoustical Filter". *Journal of the Acoustical Society of America*, 14:32-35. July 1942.

"Contributions of Science to an Appreciation of Music". *Journal of the Franklin Institute*, 235:361-392. Apr. 1943.

Rev. of John G. Watkins, *Objective Measurement of Instrumental Performance*, in *Science*, 97:488-489. May 28, 1943.

PFUND, HARRY W.

Editorial Board, *American-German Review*, vol. 9, Philadelphia, 1942-43.

POST, L. ARNOLD

"A Note on Sophronius of Damascus". *Harvard Theological Review*, 36:91. Jan. 1943.

Rev. of Lattimore, *Themes in Greek and Latin Epitaphs*, in *The American Oxonian*, 30:34-36. Jan. 1943.

Editor, *Loeb Classical Library*.

SARGENT, RALPH M.

Editor, *The Haverford Review*.

SNYDER, EDWARD D.

Rev. of F. A. Pottle, *The Idiom of Poetry*, in *College English*, 4:82-83. Oct. 1942.

STEERE, DOUGLAS V.

1942 Ingersoll Lecture, *Death's Illumination of Life*. Harvard Divinity School Bulletin, 40:no. 15.

Rev. of Ethyn W. Kirby, *George Keith*, in *Crozer Quarterly*, 20:344-6.

Comment on Karl Barth, *A Letter to American Christians*, in *Christendom*, 8:469-472.

Articles and reviews in *Friends Intelligencer*, *The Friend* and *The American Friend*.

STINNES, EDMUND H.

*The Economic Unification of Continental Europe*. Special Paper for Study Groups and Officials in U. S. A. and Great Britain. New York: Commission to Study the Organization of Peace. 1942. 16 pages.

SUTTON, RICHARD M.

"An Instrument for Drawing Confocal Ellipses and Hyperbolas". *American Mathematical Monthly*, 50:253-4. Apr. 1943.

"Physics in War and Peace". *General Electric Review*, 46:479-480. Sept. 1943.

Rev. of Frank L. Robeson, *Physics*, in *Review of Scientific Instruments*, 14:112-113. Apr. 1943.

Rev. of A. Wilmer Duff and Morton Masias, *College Physics*, in *Review of Scientific Instruments*, 14:114. Apr. 1943.

Rev. of Ralph Stranger, *Dictionary of Radio and Television Terms*, in *Journal of Applied Physics*, 14:166. Apr. 1943.

Rev. of James Stokley, *Science Remakes our World*, in *Journal of Applied Physics*, 14:365. July 1943.

SWAN, ALFRED J.

"New Developments in the Transcription of Byzantine Melodies" *Musical Quarterly*, 29:254-256. Apr. 1943.

"S. V. Rachmaninoff in the History of Music" (in Russian), *Rossiia*, New York. vol. 11, 8 Apr. 1943.

VITTORINI, DOMENICO

"La 'Corte del Cielo'." *Italica*, 20:57-64. June 1943.

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Omitted from the 1941-42 list

BENHAM, THOS. A.

"An Improved Stimulator for Obtaining Semen from Small Mammals" (with Robert K. Enders). *North American Veterinarian*, 22:300-301. May 1941.





## STATED MEETINGS *of* THE CORPORATION *and* THE MANAGERS

The Annual Meeting of "THE CORPORATION OF HAVERFORD COLLEGE" is held on the second third-day in the Tenth month, at 3 o'clock P.M.

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The Stated Meetings of the Managers for 1944 will be held on the third Sixth-day of First, Third, Fifth, Ninth and Eleventh months.

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### LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

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### FORM OF BEQUEST OF PERSONAL PROPERTY

*I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum of*  
.....Dollars.

---

### FORM OF DEVISE OF REAL ESTATE

*I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Description).*









# HAVERFORD COLLEGE BULLETIN

## DIRECTORY ISSUE

Vol. XLIII

October, 1944

No. 1

For President's  
Report

### FACULTY AND STAFF

Name	Address Haverford, unless otherwise noted	Telephone Ardmore exchange unless otherwise noted
Allendoerfer, Carl B.	750 Rugby Road, Bryn Mawr	B.M.2568 J
Asensio, Mrs. Manuel J.	2 College Lane	4163
Benham, T. A.	3 College Lane	6044
Cadbury, William E., Jr.	791 College Ave.	0203 W
Caselli, Aldo	Merion Hall	9458
Comfort, Howard	5 College Circle	3732
Comfort, William W.	South Walton Road	0455
Drake, Thomas E.	702 Pennstone Rd., Bryn Mawr	B.M.1534
Dunn, Emmett, R.	748 Rugby Rd., Bryn Mawr	
Evans, Arlington	324 Boulevard, Brookline, Upper Darby	Hilltop 2043
Evans, Francis Cope	1 College Lane	4049 W
Fetter, Frank W.	5 Canterbury Lane, St.Davids	Wayne 2449 J
FitzGerald, Alan S.	Warick Rd. & Cotswold Lane, Wynnewood	1404
Flight, John W.	753 College Avenue	4409 W
Foss, Martin	1a College Lane	1599
Gibb, Thomas C.	824 Buck Lane	6949 W
Green, Louis C.	791 College Avenue	4409 J
Haddleton, A. W.	29 Tenmore Road	B. M. 1235 W
Henry, Howard K.	1464 Drayton Lane, Penn Wynne	3913 J
Hepp, Maylon H.	East Founders Hall	9460
Herndon, John G.	1 College Lane	0364
Hetzel, Theodore B.	768 College Avenue	4393 W
Holmes, Clayton W.	720 Millbrook Lane	4269 W
Johnston, Robert J.	Woodside Cottage	3725
Jones, Rufus	2 College Circle	2777
Kelly, John A.	3 College Lane	4160
Lockwood, Dean P.	6 College Circle	1402 J
Lunt, William E.	5 College Lane	1507 W
MacIntosh, Archibald	3 College Circle	0961
Meldrum, William B.	747 College Avenue	0881 J
Morley, Felix	1 College Circle	4712
Oakley, Cletus O.	Featherbed Lane	3109 W
Palmer, Frederic, Jr.	1 College Lane	6878

Issued four times a year by  
HAVERFORD COLLEGE, HAVERFORD, PA.

Application for entry as second class mail is pending

Name	Address Haverford , unless otherwise noted	Telephone Ardmore exchange unless otherwise noted
Pepinsky, Abraham	7 College Lane	5324
Pfund, Harry W.	624 Overhill Rd., Ardmore	5532
Post, Amy L.	C-3 Dreycott Apts.	1643 M
Post, L. Arnold	9 College Lane	0258 M
Rantz, J. Otto	2122 Chestnut Ave., Ardmore	
Rittenhouse, Leon H.	6 College Lane	5522
Sargent, Ralph M.	4 College Circle	3339
Scaife, Mary L.	E-4 Haverford Gables	5117
Snyder, Edward D.	36 Railroad Avenue	0712
Steere, Douglas V.	739 College Avenue	0162
Stinnes, Edmund H.	751 Millbrook Lane	6759
Stone, Brinton H.	774 Millbrook Lane	5555 W
Sutton, Richard M.	785 College Avenue, facing Walton Road	0742 W
Swan, Alfred	3 College Lane	1562
Taylor, Dr. Herbert W.	457 Lancaster Avenue	2383
Teaf, Howard M., Jr.	3 College Lane	4049 J
Watson, Frank D.	773 College Avenue	2937
Williamson, Alexander J.	4 College Lane	4023
Wills, William Mintzer	B-201 Merion Garden Apts., Merion, Pa.	Merion 4760
Wilson, Albert H.	765 College Avenue	1853
Wylie, Laurence W.	Government House	9613

### MILITARY STAFF

#### 3327 Service Unit - ASTP Premedical Unit

Capt. Ralph J. Henry, Inf., Commanding Officer  
911 Hagysford Rd., Penn Valley Cynwyd 0903 R

#### Permanent Party - Enlisted Personnel Telephone - Ardmore 4066

S/Sgt. J. Hunter McDowell  
723 Windermere Ave., Drexel Hill, Pa.  
Sgt. Richard R. Bullock  
Box 634, Farmington, N. Mex.  
Cpl. Stanley F. Janiak  
2700 Oakley Way, Pittsburgh, Pa.  
Pfc. Frank Soda  
7128 Van Dyke St., Philadelphia 35, Pa.

# COLLEGE OFFICE AND BUILDING TELEPHONES

Unless otherwise noted, all telephones below may be reached  
by calling Ardmore 6400

Academic Director, Premedical ASTP, W. B. Meldrum	
Admissions, Archibald MacIntosh, Director	
Administrative Secretary, Mary L. Scaife	
Alumni Office, Brinton H. Stone, Secretary	
Army Specialized Training Unit, Barclay Hall	4066
Army Units, Academic Records Office	
Assistant to the President, Brinton H. Stone	
Barclay Hall, North (Pay Station)	9506
Barclay Hall, Center (Pay Station)	9459
Barclay Hall, South (Pay Station)	9508
Biology Laboratory (Sharpless Hall)	
Business Office, Aldo Caselli, Bursar	
Bucky Foundation Office, R & R Unit	
Chemistry Laboratory (Profs. Meldrum, W. E. Cadbury)	
Coordinator of Army Units, H. M. Teaf, Jr.	
Dean's Office, Thomas C. Gibb, Acting Dean	
Engineering Laboratory (Hilles)	
Faculty Secretary (at Alumni Office)	
Founders Hall, East (Pay Station)	9460
Founders Hall, Dormitory (Pay Station)	9533
French Department Office	
Government House, 8 College Lane (Pay Station)	9613
Gymnasium (Pay Station)	9512
Gymnasium Office	
Haverford News	4894
Haverford Review, Brinton H. Stone, Managing Editor	
Hilles Laboratory of Applied Science (Engineering)	
(Profs. Hetzel, Holmes & Mr. Rantz)	
Infirmary, Mabel S. Beard, R. N.	
Kitchen (Pay Station)	9544
Language House, Manuel J. Asensio, Director (Pay Station)	9428
Library: D. P. Lockwood, Librarian	
Amy L. Post	
Circulation Desk	
Thomas E. Drake	
Anna B. Hewitt (Treasure Room)	
Lloyd Hall, 3rd Entry (Kinsey) Rooms 1-12 (Pay Station)	9520
Lloyd Hall, 5th Entry (Strawbridge) Rooms 13-26 (Pay Station)	9514
Lloyd Hall, 8th Entry (Leeds) Rooms 27-38 (Pay Station)	9628
Merion Hall	9458
Observatory	
Physics Laboratory (Sharpless Hall)	
Power House (After 5:00 P.M. - Ardmore 9540 - Pay Station)	
President, Felix Morley	
Reconstruction and Relief Office	
Registrar, W. M. Wills	
Research Laboratory, Alan S. FitzGerald, Director	5092
Romance Language Department Office	
Science House, 521 Panmure Road (Pay Station)	9523
Sharpless Hall: T. A. Benham, H. Comfort, F. C. Evans,	
H. K. Henry, A. Pepinsky, R. M. Sutton	

Steward, Charles Byles

Superintendent, R. J. Johnston

Vice-President, Archibald MacIntosh

Whitall Hall: Profs. J. W. Flight, Maylon H. Hepp, J. G. Herndon, J. A. Kelly,  
William E. Lunt, D. V. Steere, H. M. Teaf, Jr., Frank D. Watson,  
H. W. Pfund, R. M. Sargent, E. D. Snyder.

#### FACULTY OFFICE TELEPHONES

The office of each of the following Members of the Faculty may be reached by calling Ardmore 6400 only during the hours when there is an operator at the switchboard.

Benham	Gibb	Lockwood	Snyder
Cadbury	Green	Lunt	Steere
Comfort, H.	Haddleton	Meldrum	Sutton
Dunn	Henry, H.K.	Oakley	Teaf
Drake	Hepp	Pepinsky	Watson
Evans, F.C.	Herndon	Pfund	Wilson
Flight	Holmes	Sargent	Wylie
Foss	Kelly		

#### COLLEGE TELEPHONE SERVICE

When there is no operator at the switchboard, service can be had only on the five numbers given below to the telephones listed beside them. When there is an operator on duty (usually 9:00 A.M. to 5:00 P.M. Monday through Friday, 9:00 A.M. to 1:00 P.M. on Saturday, none Sunday) any one of these same five numbers will reach the switchboard, and from there via the operator any of the Campus telephones; except the pay stations, which are listed in this Directory.

Ardmore 6400 Haverford Library; Superintendent Johnston

" 6401 Vice-President, Dean, Army Academic Office, Bursar.  
(MacIntosh, Gibb, Teaf, Caselli)

" 6402 Hilles Laboratory; Dr. Sutton's office in Sharpless

" 3036 Infirmary

" 3761 President Morley's office



# DIRECTORY

## STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; F for Founders Hall, G.H. for Government House, L.H. for Language House, L for Lloyd Hall, D for day student. The field of major concentration is indicated in parentheses. The figure following the name indicates the number of the term now being completed. Day student's home telephones are listed beneath their addresses.

Division into undergraduate terms and graduate departments will be found in Part Two.

### PART ONE

#### CIVILIAN STUDENTS

(Alphabetically Arranged)

Name	Home Address	College Address
A		
ADAMS, James Fowler, Jr., 3		29 L
2900 Harrison Street, Wilmington 270, Del.		
ALENICK, Monroe Edward, 2		37 L
292 Eastern Parkway, Newark 6, N. J.		
ATKESON, Timothy Breed, 2		18 L
3673 Upton St., N.W., Washington 8, D.C.		
B		
BAILEY, M. Omar, 2		12 L
160 N. Main St., West Hartford 7, Conn.		
BAKER, Robert Knoche, 1		35 L
355 Columbia Avenue, Palmerton, Pa.		
BARKER, William Pierson, II, 2		30 F
1553 Shorb Ave., N.W., Canton 3, Ohio		
BARLOW, Robert, 1		Day
CPS 49, Cottage 5, Phila. State Hospital, Phila. 14, Pa.		
BEARDSLEY, John Post, 7 (English)		14 L
1919 Spruce Street, Philadelphia, Pa.		
BELL, William Warren, 2		25 L
4409 Greenwich Parkway, N.W., Washington 7, D.C.		
BELOOF, Robert, 6		Day
CPS 49, Cottage 1, Phila. State Hospital, Phila. 14, Pa.		
BERNSTEIN, Daniel Seymour, 2		36 L
3700 Hilton Road, Baltimore 15, Md.		
BIRDSALL, Joseph Cooper, Jr., 1		20 L
139 Booth Lane, Haverford, Pa.		
BLUM, Kenneth Richard, 2		36 L
1185 Park Avenue, New York 28, N. Y.		
BOUZARTH, William Francis, II, 2		11 L
635 Belair Avenue, Aberdeen, Md.		
BRAWNER, David Montgomery, 2		32 L
107 Highland Drive, Chevy Chase, Md.		
BROWN, Rodman Weld, 4		Merion
416 Linden Street, Wellesley Hills, Mass.		

Name	Home Address	College Address
BUTTRICK, David Gardner, 1 21 E. 79th St., New York City		9 F
C		
CAMERON, Angus Malcolm, 7 (Chemistry) 318 - 8th Avenue, S.E., Minot, N. D.		21 L
CAVELL, Matthew Stuart, 2 1125 S.E. First Street, Evansville 9, Ind.		37 L
CLAYTON, Robert Francis, Jr., 4 49 E. Providence Road, Lansdowne, Pa.		1 L
COFFIN, Lewis Edward, 7 (Chemistry) 150 Church Street, Newton 58, Mass.		5 F
COLLINS, Benjamin McVickar, 1 Broadlea Farm, Rhinebeck, N. Y.		16 L
COOK, Edward Marshall, Jr., 7 (Physics) 56 Cedarbrook Road, Ardmore, Pa. Hilltop 5690		Day
CULBERT, Craig Dunlap, 1 26 Chatham Road, Ardmore, Pa.		Day
D		
DAUDON, Marc Daniel, 2 623 Walnut Lane, Haverford, Pa. Ardmore 0986 W		Day
DAVIS, Alan Marvin, 5 (Chemistry) 205 W. 89th St., New York, N. Y.		21b F
DOMINCOVICH, Paul Henry, 8 (R & R) 236 W. School Lane, Germantown, Philadelphia, Pa. Ardmore 5562		15 L
DORN, Richard Kenneth, 1 6140 Nassau Road, Philadelphia, Pa. Greenwood 2618		Day
DOWBINSTEIN, Israel Morris, 5 (Chemistry) 3211 N. 17th St., Philadelphia, Pa. Radcliff 2406		Day
DRAKE, Charles Daniel, 2 47 Main St., Franklin, N. J.		22 F
E		
ECROYD, Henry, Jr., 4 (Engineering) 226 Lenoir Ave., Wayne, Pa.		17 F
EDGERTON, Charles Willis, Jr., 1 College Avenue, Haverford, Pa.		10 L
ELLIOTT, Ralph Menges, 2 19 Grace Court, Brooklyn, N. Y.		30 F
EWELL, Albert Hunter, Jr., 6 (Psychology) 4937 Walton Ave., Philadelphia 43, Pa.		38 L
F		
FLAHERTY, Joseph Paul, 1 286 Trent Road, Penn Wynne, Montg. Co., Pa. Ardmore 5730		Day

Name	Home Address	College Address
FLEMING, Thomas Talbot, 2	Valley Green Road, Flourtown, Pa. Whitemarsh 3233	Day
FREEMAN, Murray Fox, 3	324 N. Bowman Avenue, Merion, Pa. Merion 1198	Day

## G

GANTER, Robert Lewis, 1	830 Elsinore Place, Chester, Pa.	10 L
GEOFFROY, Charles Henry, 2	509 Wilde Avenue, Drexel Hill, Pa. Clearbrook 7828	Day
GERLACH, Thomas Bradfield, 1	1526 N. 15th St., Philadelphia 29, Pa.	10 F
GILMOUR, Richard Malcolm, 2	249 Green Ave., Lansdowne, Pa.	18 L
GOOD, Robert Crocker, 7 (Philosophy)	419 Homestead Ave., Mt. Vernon, N. Y.	3 F
GORHAM, William Kane, III, 1	3346 Tilden St., Philadelphia 29, Pa.	31 L
GREGSON, E. Wesley, 7 (Philosophy)	758 Beechwood Road, Beechwood, Upper Darby, Pa. Ardmore 0761 R	Day
GROSS, Gerald Connop, Jr., 4	3130 Wisconsin Avenue, N.W., Washington, D. C.	14 F
GROSS, Sheldon Harley, 7 (History)	Quarters 15a, Fort Myer, Va.	33 L
GROSSMAN, Alfred Durant, 2	10 Wakeman Place, Larchmont, N. Y.	19 L
GRUBB, J. Spenser, 1	420 Meadowbrook Ave., St. Davids, Pa.	30 L
GUNNISON, Foster, Jr., 1	R. D. 2, Carmel, N. Y.	23 L

## H

HARDEN, Robert Schermerhorn, 1	341 E. Main Street, Moorestown, N. J.	28 L
HARRIS, William Hamilton, 2	204 N. 17th St., Camp Hill, Pa.	26 L
HAUSER, John Norman, 1	7443 Oakhill Avenue, Wauwatosa, Wis.	30 L
HAWKINS, Lee Wyeth, 2	Marionville, Missouri	32 L
HENNE, John Kraffert, 4	332 W. Oak St., Titusville, Pa.	32 L
HERTER, Theophilus John, 7 (Philosophy)	232 Wendover Drive, Westgate Hills, Upper Darby, Pa. Hilltop 1016	Day
HILTNER, Theodore Martin, 7 (Philosophy)	4215 E. 33rd Street, Seattle, Wash.	Gym
HOPKINS, Frank Thomas, 2	316 Thornhill Road, Baltimore 12, Md.	11 L

Name	Home Address	College Address
HUEBSCH, Ian, 4		7 F
285 Central Park, West, New York 24, N. Y.		
HUTCHINS, James Sewall, Jr., 7 (Philosophy)		Day
529 Montgomery Avenue, Haverford, Pa.		
HUTCHINSON, Ernest Charles, 1		Day
101 Grandview Road, Ardmore, Pa.		
Ardmore 0575 W		
I		
IHRIG, Judson LaMoure, 1		15 F
2611 E. Beverly Road, Milwaukee 11, Wis.		
J		
JACOB, James Archibald, Jr., 2		30 F
1310 Pleasant Ave., Wellsburg, W. Va.		
JACOBS, George Wayne, Jr., 4		14 L
25 Fifth Avenue, New York, N. Y.		
JOHNSON, David, 5 (Philosophy)		15 L
18 W. 122nd St., New York, N. Y.		
JOHNSON, James Dexter, 1		21 F
250 S. Brentwood, Clayton, Mo.		
JOHNSON, Richard Schaper, 1		28 L
328 W. 22nd Street, Erie, Pa.		
K		
KATCHEN, Julius, 5 (Philosophy)		38 L
2 Hollywood Avenue, West Long Branch, N. J.		
KATO, Walter Yoneo, 5 (Physics)		19 F
5210 Winthrop Avenue, Chicago 40, Ill.		
KENNEDY, Francis Richard, 6 (Physics)		15 L
810 High St., Paris, Kentucky		
KIMMICH, Homer, 1		Day
505 Lancaster Ave., Haverford, Pa.		
KINDLER, Don, 1		13 F
Jessups, Md.		
KONOWITZ, David Bernard, 3		7a F
85-21 Homelawn St., Jamaica, L.I., N.Y.		
L		
LANGSTON, Thomas Dinsmore, 2		Day
621 Malvern Road, Ardmore, Pa.		
Ardmore 6715		
LEVENSOHN, Alan Mark, 1		34 L
36 Dolphin Rd., Newt Centre, Mass.		
LONG, David E., 7 (International Government)		3 L
1522 Cleveland Ave., Wyomissing, Pa.		
M		
MAKEL, John Selby, 1		21 F
Hdq. 8th Service Command, Dallas, Texas		

Name	Home Address	College Address
MANN, Philip Carl, 2nd, 7 (Government)	116 East Riverbank, Beverly, N. J.	16 L
MATHIS, James Leslie, 1	R. D. 1, Wyalusing, Pa.	22 F
MEAD, Brian, Jr., 2	11 Horseguard Lane, Scarsdale, N. Y.	27 L
MEYERS, Robert Weigel, 3	132 W. 9th St., Erie, Pa.	4 L
MILLER, William Henry, 2	7703 Crossland Road, Baltimore 8, Md.	2 F
MOORE, Charles Byrd, 1	25 Amherst Ave., Swarthmore, Pa.	16 F
MOSES, Charles Henry Mann, Jr., 4	433 Haverford Road, Wynnewood, Pa.	Day
MUENCH, James Frederick, 5	Ardmore 4396	3 L
	300 Riverside Drive, New York 25, N.Y.	

## N

NEWMAN, Paul Freedman, 2	7 Balfour Circle, Lansdowne, Pa.	11 L
NOFER, George Hancock, 2nd, 3	632 W. Elkins Ave., Philadelphia 20, Pa.	Day
	Hancock 3220	
NORTON, Richard William, Jr., 8 (Spanish)	Haverford Court, Haverford, Pa.	Day
	Ardmore 0947	

## O

OLIVIER, Daniel Dretzka, 1	Box 306, R. D. 2, Phoenixville, Pa.	6 F
OPPENHEIMER, Martin J., 2	3506 Bancroft Rd., Baltimore 15, Md.	19 L
OSWALD, David Statton, 1	826 The Terrace, Hagerstown, Md.	13 L

## P

PAYRO, Roberto Pablo, 5	Lavalle 357, Buenos Aires, Argentina	2 L
PEASE, William, 2	207 Bloomfield Ave., Hartford, Conn.	31 L
PETERS, David Alexander, 2	45 N. 11th St., Allentown, Pa.	23 L
PETERSEN, Hans Eberhard, 5 (Greek)	145 - 95th Street, Brooklyn, N. Y.	Merion
POWER, Richard Wilson, 1	25 Pine St., Canton, N. Y.	14 F

## R

RIVERS, Richard D., 5 (Physics)	1281 Everett Ave., Louisville, Ky.	11 F
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Name	Home Address	College Address
ROCHE, Robert Pearson, 5 (English)	111 - 7th Street, Garden City, L.I., N.Y.	1 L
ROOSEVELT, Dirck, 1	9 Sutton Place, New York City	34 L
ROSENTHAL, David Richard, 2	2154 Mt. Royal Terrace, Baltimore 17, Md.	33 L
RUTLEDGE, Neal Person, 1	4928 Indian Lane, Washington 16, D.C.	22 L
RYAN, Thomas Joseph, 7 (English)	1216 Lindale Avenue, Drexel Hill, Pa.	20 L

## S

SANDERS, Martin, 4	55 Clinton Place, Bronx, New York, N.Y.	4 L
SATO, Jyuichi, 6 (Physics)	c/o Dr. Frank Watson 773 College Avenue, Haverford, Pa. Ardmore 2937	Day
SEGAL, Marvin, 2	729 Snyder Ave., Philadelphia 48, Pa. Dewey 6687	Day
SETTLE, Lyle G., 2	Dryden, N. Y.	20 F
SNODGRASS, Francis Mattlage, 1	Windfall, R.D. 1, Martinsburg, W. Va.	35 L
STARKWEATHER, Howard Warner, Jr., 4	815 Augusta Rd., Wilmington 67, Del.	29 L
STEEFEL, Lawrence D., Jr., 5 (German)	2808 West River Road, Minneapolis, Minn.	21 L
STIMSON, Arthur H., 3	8 Simpson Rd., Ardmore, Pa. Ardmore 2258	Day
STONE, John Alexander, 1	319 W. 88th St., Apt. 8, New York City	4 F
STUART, John Walker, 8 (Biology)	Apt. B-1 Thornbrook Manor Apts. 819 Montgomery Avenue, Bryn Mawr, Pa. Bryn Mawr 1533	Day
STURR, George Bowler Tullidge, 5 (Government)	129 Fourth Ave., Haddon Heights, N. J.	17 L

## T

THOMAS, David Edward, 1	518 Foss Avenue, Drexel Hill, Pa.	Day
THOMPSON, Daniel Bard, 3	110 S. Broad St., Waynesboro, Pa.	22 L
THOMPSON, William James Mullins, 3	926 Elk St., Franklin, Pa.	26 L
TURLEY, Keith Harold, 2	501 Camden Avenue, Moorestown, N. J.	25 L
TUTTLE, Edwin Ellsworth, 2	76 Hillcrest Avenue, Summit, N. J.	27 L

Name	Home Address	College Address
V		
VEDOVA, Harold Frederick, 1	1463 Hampstead Rd., Penn Wynne, Philadelphia 31, Pa.	Day
	Ardmore 3750 R	

W		
WALTERS, James Donald, 3	90 Brite Avenue, Scarsdale, N. Y.	2 L
WHEELER, Edward Stubbs, 2	Route 3, Greencastle, Pa.	24 L
WHITCOMB, Harold Clark, Jr., 2	337 N. 25th St., Camp Hill, Pa.	13 L
WHITEHEAD, H. Macy, 5 (Philosophy)	R. D. 1, South Windham, Maine	1 F
WHITMAN, John Turner, 2	Nashawtuc Hill, Concord, Mass.	12 L
WINGERT, Robert Aitken, 2	Edgar Avenue and Riddle Road, Chambersburg, Pa.	24 L

Z		
ZWEIFLER, Nathan Joseph, 2	46 Wilbur Ave., Newark, N. J.	12 L

#### RECONSTRUCTION AND RELIEF UNIT

Name	Home Address	College Address
A		
ANDERSON, Ruth Agnes (A.B., Wellesley, 1941)	1945 Second Ave., S.E., Cedar Rapids, Ia.	G. H.
ATKINSON, Anna Margaret (A.B., Brown, 1942)	Wrightstown, Pa.	L. H.
B		
BARCLAY, Mary (A.B., Middlebury, 1943)	424 N. Bluff, Wichita, Kansas	L. H.
BARLOW, Joan H. (A.B., Grinnell, 1944)	157 Sheldon Ave., Ames, Ia.	G. H.
BROOKS, Charlotte Hallowell (A.B., Smith, 1942)	45 Mystic St., West Medford, Mass.	L. H.
BROWN, Sydney Thomson (B.A., Smith, 1943)	99 Claremont Ave., New York, N. Y.	L. H.

Name	Home Address	College Address
C		
CARY, Sarah Comfort (A.B., Vassar, 1940)		L. H.
Ellet Lane and Wissahickon Ave., Mt. Airy, Phila., Pa.		
CUNNINGHAM, Nancy Louise (B.A., Smith, 1944)		G. H.
214 Forest Park Blvd., Janesville, Wis.		
D		
DRISCOLL, Ruth Antoinette		L. H.
1629 Asbury Ave., Evanston, Ill.		
F		
FEISE, Dorelen (B.A., Oberlin, 1944)		G. H.
401 Rosebank Ave., Baltimore, Md.		
FOWLE, Helen Joy (B.A., Wellesley, 1943)		L. H.
Thetford, Vermont		
FREEMAN, Charles (B.A., Wake Forest College, 1942)		Day
(M.A., University of N. C., 1944)		
Pendle Hill, Wallingford, Pa.		
(Old Fayetteville Road, Raleigh, N. C.)		
FREYHOF, Betty Keith, (A.B., Wellesley, 1944)		G. H.
3819 Clifton Ave., Cincinnati 20, Ohio		
G		
GARRISON, Elizabeth B. (A.B., Swarthmore, 1938)		L. H.
Cedarville, N. J.		
GEDNEY, Eloise (A.B., Flora Stone Mather, 1942)		G. H.
117 Maplewood Ave., Maplewood, N. J.		
GILDEMEISTER, Maria Luisa (A.B., Haverford, 1944)		L. H.
Casilla Correo 678, Lima, Peru		
GOODIER, Richard Barritt (A.B., Brown, 1935)		F. H.
(S.T.B., The Biblical Seminary in		
New York, 1938)		
(M.A., Drew Seminary, 1943)		
445 High St., Lonsdale, R. I.		
GRAHAM, Carolyn (B.A., H. Sophie Newcomb, 1944)		G. H.
7821 Freret St., New Orleans 18, La.		
GRANT, Barbara Stevens (A.B., Colby, 1943)		G. H.
75 Coleman Road, Wethersfield, Conn.		
H		
HAGGARD, Barbara A. (A.B., Wells, 1943)		G. H.
3100 Warrington Road, Shaker Heights, Ohio		
HOLMES, Barbara Ristine (A.B., Wells, 1942)		G. H.
2734 N. Stowell Ave., Milwaukee 11, Wis.		
HOVEY, Sarah Edith (A.B., Reed, 1944)		c/o Dr. H. Comfort
833 34th Ave., N., Seattle, Washington		
I		
ISGRIG, Aimee Margaret (A.B., Rockford, 1944)		G. H.
1547 Upper Parkway, Wauwatosa, Wis.		



Name	Home Address	College Address
J		
JONES, Annette Roberts	(B.A., Wellesley, 1941) (M. Ed., Winnetka, 1942) 272 Vine Avenue, Highland Park, Ill.	L. H.
K		
KNIGHT, Bernice Eva	(B.A., Colby, 1944) County Road, Westbrook, Maine	G. H.
KRANCER, Priscilla	(B.A., Vassar, 1942) c/o Captain Sprague, St. Albans Hospital, L.I., N.Y.	L. H.
L		
LANGSTON, Martha Porter	(A.B., Scripps, 1937) 1844 Pepper Drive, Altadena, California	L. H.
LITCHMAN, Jean M.	(A.B., University of Washington, 1943) 408 E. 50th St., Seattle, Washington	G. H.
M		
MORRISON, Esther	(B.S., Miss. State, 1938) (M.S., U. of Louisville, 1940) 17 Railroad Avenue, Haverford, Pa. (3111 Drummond St., Vicksburg, Miss.)	Day
P		
PLUMB, Lois Virginia	(B.A., Wilson College, 1943) 20 Primrose Ave., Tuckahoe, N. Y.	L. H.
POHL, Claudine Blanche	(A.B., Oberlin, 1944) 215 W. 83rd St., New York, N. Y.	G. H.
R		
RIGSBEE, Alfred Swain	(A.B., Earlham, 1944) Pendle Hill, Wallingford, Pa. ("The Maples", Arlington, Ind.)	Day
RUSSELL, Florence O.	(A.B., Scripps, 1944) 1811 El Encanto Rd., Santa Barbara, Calif.	G. H.
S		
SHORTER, Fred Claiborne	(A.B., Reed, 1944) 3208 Franklin Ave., Seattle 2, Wash.	F. H.
T		
TAFT, Rebekah L.	(A.B., Bryn Mawr, 1933) Gray Farm, Salem St., Andover, Mass.	G. H.
W		
WEHMEYER, Jean Adele	(B.A., Smith, 1943) R. D. S., Clinton Corners, N. Y.	L. H.

Name	Home Address	College Address
WILHELM, Frederick Oscar (B.A., Wesleyan, 1944)	Pendle Hill, Wallingford, Pa. (Box 35, North Granby, Conn.)	Day
WILLIAMS, Mary, Esther (B.A., Vassar, 1943)	1317 Bishop Road, Grosse Pointe, Michigan	L. H.
WILLIAMS, Mrs. Robert K. (Miriam) (B. of Arch., (Ala. Poly. Inst., 1935)	2300 St. Stephen's Road, Mobile 17, Ala.	G. H.
WILLIAMS, Wendell W. (A.B., College of Emporia, 1938) (M.A., University of Kansas, 1941) (M.S., George Williams College, 1942)	Pendle Hill, Wallingford, Pa. (Route #1, Emporia, Kansas)	Day
WYLIE, Anne Stiles (B.S., Simmons, 1943)	270 Brookline Ave., Boston, Mass.	G. H.
WYLIE, Laurence William (A.B. & M.A., Indiana, 1931, 1933) (Ph. D., Brown University, 1940)	270 Brookline Ave., Boston, Mass.	G. H.

## PART TWO

## 8th Term (3)

Dominovich . . . . 15 L	Norton . . . . . Day	Stuart, . . . . . Day
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## 7th Term (13)

Beardsley . . . . . 14 L	Gross, S.H. . . . . 33 L	Good . . . . . 3 F
Cameron . . . . . 21 L	Hiltner . . . . . Gym	Mann . . . . . 16 L
Coffin . . . . . 5 F	Herter . . . . . Day	Ryan . . . . . 20 L
Cook . . . . . Day	Hutchins . . . . . Day	
Gregson . . . . . Day	Long . . . . . 3 L	

## 6th Term (4)

Beloof . . . . . Day	Kennedy . . . . . 15 L	Sato . . . . . Day
Ewell . . . . . 38 L		

## 5th Term (13)

Davis, A. . . . . 21b F	Kato . . . . . 19 F	Roche . . . . . 1 L
Dowbinstein . . . . Day	Muench . . . . . 3 L	Steeffel . . . . . 21 L
Johnson, D. . . . . 15 L	Payro . . . . . 2 L	Sturr . . . . . 17 L
Katchen . . . . . 38 L	Petersen . . . . . Merion	Whitehead . . . . 1 F
	Rivers . . . . . 11 F	

## 4th Term (10)

Brown . . . . . Merion	Henne . . . . . 32 L	Moses . . . . . Day
Clayton . . . . . 1 L	Huebsch . . . . . 7 F	Sanders . . . . . 4 L
Ecroyd . . . . . 17 F	Jacobs, G. . . . . 14 L	Starkweather . . . 29 L
Gross, G.C. . . . . 14 F		

## PART TWO (cont.)

## 3rd Term (9)

Adams . . . . .	29 L	Meyers . . . . .	4 L	Thompson, D.B. . .	22 L
Freeman . . . . .	Day	Nofer . . . . .	Day	Thompson, W.J.M. .	26 L
Konowitz . . . . .	7a F	Stimson . . . . .	Day	Walters . . . . .	2 L

## 2nd Term (38)

Alenick . . . . .	37 L	Fleming . . . . .	Day	Pease . . . . .	31 L
Atkeson . . . . .	18 L	Geoffroy . . . . .	Day	Peters . . . . .	23 L
Bailey . . . . .	12 L	Gilmour . . . . .	18 L	Rosenthal . . . . .	33 L
Barker . . . . .	30 F	Grossman . . . . .	19 L	Segal . . . . .	Day
Bell . . . . .	25 L	Harris . . . . .	26 L	Settle . . . . .	20 F
Bernstein . . . . .	36 L	Hawkins . . . . .	32 L	Turley . . . . .	25 L
Blum . . . . .	36 L	Hopkins . . . . .	11 L	Tuttle . . . . .	27 L
Bouzarth . . . . .	11 L	Jacob . . . . .	30 F	Wheeler . . . . .	24 L
Brawner . . . . .	32 L	Langston . . . . .	Day	Whitcomb . . . . .	13 L
Cavell . . . . .	37 L	Mead . . . . .	27 L	Whitman . . . . .	12 L
Daudon . . . . .	Day	Miller . . . . .	2 F	Wingerd . . . . .	24 L
Drake . . . . .	22 F	Newman . . . . .	11 L	Zweifler . . . . .	12 L
Elliott . . . . .	30 F	Oppenheimer . . . .	19 L		

## 1st Term (35)

Baker . . . . .	35 L	Grubb . . . . .	30 L	Mathis . . . . .	22 F
Barlow . . . . .	Day	Gunnison . . . . .	23 L	Moore . . . . .	16 F
Birdsall . . . . .	20 L	Harden . . . . .	28 L	Olivier . . . . .	6 F
Buttrick . . . . .	9 F	Hauser . . . . .	30 L	Oswald . . . . .	13 L
Collins . . . . .	16 L	Hutchinson . . . . .	Day	Power . . . . .	14 F
Culbert . . . . .	Day	Ihrig . . . . .	15 F	Roosevelt . . . . .	34 L
Dorn . . . . .	Day	Johnson, J.D. . . .	21 F	Rutledge . . . . .	22 L
Edgerton . . . . .	10 L	Johnson, R. . . . .	28 L	Snodgrass . . . . .	35 L
Flaherty . . . . .	Day	Kimmich . . . . .	Day	Stone . . . . .	4 F
Ganter . . . . .	10 L	Kindler . . . . .	13 F	Thomas . . . . .	Day
Gerlach . . . . .	10 F	Levensohn . . . . .	34 L	Vedova . . . . .	Day
Gorham . . . . .	31 L	Makel . . . . .	21 F		

## FIRST GRADUATE RECONSTRUCTION AND RELIEF UNIT (17)

Atkinson . . . . .	L.H.	Fowle . . . . .	L.H.	Plumb . . . . .	L.H.
Barclay . . . . .	L.H.	Garrison . . . . .	L.H.	Wehmeyer . . . . .	L.H.
Brooks . . . . .	L.H.	Gildemeister . . . .	L.H.	Williams, M.E. . . .	L.H.
Brown . . . . .	L.H.	Jones . . . . .	L.H.	Wylie, A.S. . . . .	G.H.
Cary . . . . .	L.H.	Krancer . . . . .	L.H.	Wylie, L.W. . . . .	G.H.
Driscoll . . . . .	L.H.	Langston . . . . .	L.H.		

## SECOND GRADUATE RECONSTRUCTION AND RELIEF UNIT (25)

Anderson . . . . .	G.H.	Graham . . . . .	G.H.	Pohl . . . . .	G.H.
Barlow . . . . .	G.H.	Grant . . . . .	G.H.	Rigsbee . . . . .	Day
Cunningham . . . . .	G.H.	Haggard . . . . .	G.H.	Russell . . . . .	G.H.
Feise . . . . .	G.H.	Holmes . . . . .	G.H.	Shorter . . . . .	F.H.
Freeman . . . . .	Day	Hovey . . . . .	Day	Taft . . . . .	G.H.
Freyhof . . . . .	G.H.	Isgrig . . . . .	G.H.	Wilhelm . . . . .	Day
Gedney . . . . .	G.H.	Knight . . . . .	G.H.	Williams,	
Goodier . . . . .	F.H.	Litchman . . . . .	G.H.	Mrs. R.K. . . .	G.H.
		Morrison . . . . .	Day	Williams, W.W. . .	Day

## ASTP PREMEDICAL TRAINEES

Telephone - Ardmore 9508  
Barclay Hall, Center

Name	Home Address
ASINOVSKY, Joseph	28 Morris St., Rochester, N.Y.
BACKUS, John Warner	2203 Grant Ave., Wilmington, Del.
CEBULKA, Peter Richard	Hawk Run, Pa.
CHOJNACKI, Bernard	3983 E. 74th St., Cleveland, Ohio
CLARK, Randall Lee	520 N. Duke St., Lancaster, Pa.
COYNE, John Francis, Jr.	11 Cleaves St., Portland, Me.
CURTIS, James LeRoy	Wilton, Wis.
DELASHMUTT, Robert Eugene	326 Osman St., Bucyrus, Ohio
DORFMAN, Murray Lewis	1726 Davidson Ave., New York, N. Y.
DROULARD, Kenneth Earl	9207 Stone Rd., Algonac, Mich.
EFFINGER, Gerold Joseph	430 W. Carey St., Philadelphia, Pa.
JOHNSON, David Halsey	237 Dorer Ave., Hillside, N.J.
MALKIN, Robert S.	8631 112 St., Richmond Hill, N. Y.
McCAUGHEY, Richard Stone	1112 Sheridan Dr., Danville, Ill.
McHUGH, Daniel	159 Henderson St., Pittsburgh, Pa.
OGILVIE, Robert Jerrold	59 Edgemoor Ave., Wellesley, Mass.
SERGEANT, John H., Jr.	39-61 65 St., Woodside, L.I., N.Y.
SMITH, Edwin Robert	23 E. 4th St., Mt. Vernon, N.Y.
SMITH, James Anthony	R.D. 1, Bainbridge Rd., Chagrin Falls, O.
SPENADER, Wayne Frank	1010 Third Ave., Mendota, Ill.
TANNER, Leonard Michael	1206 S. 14th St., Cambridge, O.
THRALL, Howard Curtis	Box 75, Manilla, Ind.
ULRICH, Christian Andrew	3951 N. Hoyne St., Chicago, Ill.
WELLS, Mortimer Hall, Jr.	4 Brantwood Rd., Arlington, Mass.
YAMIN, Edward Robert	243 S. Grove St., Freeport, N.Y.
ZAGORY, Conrad	223 White Rd., Mineola, L.I., N.Y.

HAVERFORD COLLEGE

NOV 4 1944

HAVERFORD, PA.

# HAVERFORD COLLEGE BULLETIN

OF  
HAVERFORD COLLEGE

JAN 19 1945

HAVERFORD, PA.



1944 • 1945  
CATALOG ISSUE

VOLUME XLIII

NUMBER TWO

NOVEMBER  
1944

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*Issued October, November, December, and February*

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BY HAVERFORD COLLEGE  
HAVERFORD, PA.

Second Class Permit Applied for.

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# HAVERFORD COLLEGE

## Bulletin



1944-1945

HAVERFORD, PENNSYLVANIA

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# CALENDAR

1944-1945

Stated Meeting of the Board of Managers.....	Sept. 22
Registration of all new students.....	Sept. 25
Reporting of Freshmen to Mr. MacIntosh.....	Sept. 25
Beginning of College Year with Assembly, 11:00 A.M.....	Sept. 26
Annual Meeting of the Corporation of Haverford College...	Oct. 17
Stated Meeting of the Board of Managers.....	Nov. 17
Thanksgiving Day .....	Nov. 23
Graduation of Army Pre-Medical Unit.....	Nov. 30
Last date for selection of Major Subjects by eligible students.	Dec. 11
Christmas Recess (dates inclusive) .....	Dec. 21, 1944-Jan. 3, 1945
Stated Meeting of the Board of Managers.....	Jan. 5
Last First Semester Classes.....	Jan. 13
Senior comprehensive examinations and course examina- tions for underclassmen*.....	Jan. 17-20
Course examinations for all classes.....	Jan. 22-26
Commencement Day .....	Jan. 27
Beginning of Second Semester, 8:00 A.M.....	Jan. 29
Stated Meeting of the Board of Managers.....	Mar. 9
Spring Recess (dates inclusive) .....	Mar. 25-Apr. 1
Last date for selection of Major Subjects by eligible students.	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 11
Last Second Semester Classes.....	May 19
Senior comprehensive examinations and course examina- tions for underclassmen†.....	May 23-26
Course examinations .....	May 28-June 1
Commencement Day .....	June 2

\* At the option of individual departments, comprehensive examinations may begin on Jan. 16.

† At the option of individual departments, comprehensive examinations may begin on May 22.

# CALENDAR

## Summer—1945

Beginning of Summer Term.....	June 25, 1945
Last date for selection of Major Subjects by students who have been in attendance three terms.....	July 23
Last Summer Term Classes.....	Aug. 24
Senior comprehensive examinations*	Aug. 22-24
Commencement Day .....	Aug. 25

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\* At the option of individual departments, comprehensive examinations may begin on August 21.

# CALENDAR

1945-1946

Stated Meeting of the Board of Managers.....	Sept. 21
Registration of all new students.....	Sept. 24
Beginning of College Year with Assembly, 9:00 A.M.....	Sept. 25
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M.....	Oct. 16
Stated Meeting of the Board of Managers.....	Nov. 16
Thanksgiving Day .....	Nov. 22
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Dec. 10
Christmas Recess (dates inclusive) .....	Dec. 23, 1945-Jan. 6, 1946
Stated Meeting of the Board of Managers.....	Jan. 4
Last First Semester Classes.....	Jan. 19
Senior comprehensive examinations*.....	Jan. 23-25
Course examinations .....	Jan. 23-Feb. 1
Commencement Day for Seniors.....	Feb. 2
Beginning of Second Semester, 8:00 A.M.....	Feb. 4
Stated Meeting of the Board of Managers.....	Mar. 8
Spring Recess (dates inclusive) .....	March 24-31
Last date for selection of Major Subjects by students who have been in attendance three terms.....	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 10
Last Second Semester Classes.....	May 25
Senior comprehensive examinations†.....	May 29-31
Course examinations .....	May 29-June 7
Commencement Day for Seniors.....	June 8

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\* At the option of individual departments, comprehensive examinations may begin on Jan. 22.

† At the option of individual departments, comprehensive examinations may begin on May 23.

# HAVERFORD COLLEGE

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## GENERAL DESCRIPTION

HAVERFORD COLLEGE was founded in 1833. It owes its origin to the vision and energy of a few members of the Society of Friends who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. The object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833, under the laws of the Commonwealth of Pennsylvania, into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a Board of Managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding income has been increased to over four million dollars.

Haverford Station is on the main line of the Pennsylvania Railroad, between Bryn Mawr and Ardmore, and is only twenty minutes from downtown Philadelphia by excellent suburban service. The College campus adjoins the famous Lancaster Pike (U. S. 30) and is two hours' train journey from New York or Baltimore; under three hours from Washington. Valley Forge is one of the many national shrines in the immediate vicinity. The cities of Trenton, Bethlehem, Allentown, Reading, Lancaster, Chester and Wilmington all lie within a radius of fifty miles. Whether for historic association, cultural advantage or physical accessibility, Haverford College is admirably situated.

The original tract of 198 acres has since been increased to 216 acres. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include seven

fields for football, baseball, cricket and soccer; a running-track, numerous tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but with an enrollment limited to 400 still enjoys all the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts, science and engineering.

The large endowment enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays. The advantages of a central location are utilized by bringing to college assemblies, on frequent occasions, men and women who have established leadership in government, business and the professions. Particularly in the Social Sciences, where the seminar method is emphasized, theoretical instruction is frequently checked against the practical experience of visitors prominent in official, industrial and professional life.

Haverford students enjoy unusual liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students. All examinations and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. Responsible student self-government is further emphasized in every aspect of campus life.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends Meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

A degree from Haverford College is in itself a certificate that the recipient is intellectually, morally, physically and socially equipped to play his part, and in time assume a post of leadership, in the occupation and community of his choosing. A good proportion of Haverford graduates, however, customarily desire to supplement this equipment with distinctly professional education. For students desiring intensive preliminary training in medicine, the law, engineering, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools with full standing, and in many cases with advanced credit.

Sample outlines of study at Haverford, preparatory to post-graduate specialization in all the major professions, have been prepared and may be obtained by application to the Director of Admissions. Whether or not he intends to proceed to graduate work the student will in all cases plan his course, and select his major subject, in consultation with faculty advisers.

The first College building was Founders Hall, erected in 1833 and, with additional wings, is still in active use. The original astronomical observatory was built in 1852 and in 1933 was replaced by the present newly-equipped structure. The new library, constructed in 1940-41, has special facilities for research and contains approximately 164,000 volumes.

There are four separate dormitories and, besides modern classrooms, well-equipped laboratories for chemistry, physics, biology and engineering. The gymnasium was built in 1900; Roberts Hall, containing the college offices and a large auditorium, in 1903; the Haverford Union, used for many college activities, dates from 1910; the infirmary was built in 1912. In the summer of 1941 the college kitchens were completely modernized and a suitable campus dwelling was converted into a Language House with resident director. During the summer of 1942 another of the campus dwellings was remodeled into a Government House, which has rooms for fifteen students and an apartment for its director. Science House, opened in 1943, completes the trio of specialized student residences, the occupants of which have all the advantages of fraternity life without its social discrimination.

In February, 1943, the College began the academic training of a Pre-Meteorology Unit for the Army Air Forces Technical Training Command, these student soldiers remaining in residence for a year. In September, 1943, an Army Specialized Training Unit was added, composed for the most part of Area and Language Study trainees. On the termination of this program Haverford received a small

Army Pre-Medical Unit, which graduated on November 30, 1944. A special Relief and Reconstruction Unit of women students, at graduate level, was established during the summer of 1943 and will be continued for the duration of the emergency. Civilian enrollment at the College stands up unusually well, in part because the average entrance age is little beyond the seventeenth birthday. During the war period the College has given instruction and accommodation to as many as 575 students at one time, thus emphasizing the broad margin whereby its facilities exceed the normal undergraduate limitation.





# CORPORATION OF HAVERFORD COLLEGE

## OFFICERS

MORRIS E. LEEDS, <i>President</i> .....	4901 Stenton Ave., Germantown, Phila.
FELIX M. MORLEY, <i>President of the College</i> .....	Haverford, Pa.
J. HENRY SCATTERGOOD, <i>Treasurer</i> .....	1616 Walnut St., Phila.
JOHN FLAGG GUMMERE, <i>Secretary</i> .....	W. School Lane and Fox Ave., Phila.

---

## MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

### *Term Expires 1945*

WILLIAM WISTAR COMFORT.....	Haverford, Pa.
LOVETT DEWEES.....	Sweetwater Farm, Glen Mills, Pa.
THEODORE B. HETZEL.....	768 College Avenue, Haverford, Pa.

### *Term Expires 1946*

HARRIS G. HAVILAND.....	16th and Race Sts., Phila.
ARCHIBALD MACINTOSH.....	3 College Circle, Haverford, Pa.
JONATHAN M. STEERE.....	1318 Girard Trust Bldg., Phila.

### *Term Expires 1947*

STANLEY R. YARNALL.....	5337 Knox St., Germantown, Phila.
IRVIN C. POLEY.....	6012 Chew St., Germantown, Phila.
ARTHUR J. PHILLIPS.....	274 S. Felton St., Phila.

## BOARD OF MANAGERS

### *Ex-officio as Officers of Corporation*

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Phila.  
 J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.  
 JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

### *Term Expires 1945*

CHARLES J. RHOADS.....Ithan Road, Bryn Mawr, Pa.  
 EDWARD W. EVANS.....304 Arch St., Phila.  
 WILLIAM A. BATTEY.....Liberty Trust Building, Phila.  
 DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.  
 JOHN A. SILVER.....Olney P. O., Phila.  
 ALFRED BUSSELLE.....347 Madison Ave., New York, N. Y.  
 †WALTER C. JANNEY.....1529 Walnut St., Phila.  
 WILLIAM B. BELL.....Rockefeller Plaza, New York, N. Y.  
 \*PAUL VAN REED MILLER.....Girard Trust Bldg., Phila.  
 \*OWEN B. RHOADS.....Packard Bldg., Phila.

### *Term Expires 1946*

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila.  
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 WILLIAM WISTAR COMFORT.....Haverford, Pa.  
 DR. HENRY M. THOMAS, JR.....1201 N. Calvert St., Baltimore, Md.  
 ALEXANDER C. WOOD, JR.....511 Chestnut St., Phila.  
 HAROLD EVANS.....100 Provident Trust Bldg., Phila.  
 \*WILLIAM NELSON WEST, III.....1104 Stock Exchange Bldg., Phila.

### *Term Expires 1947*

J. STOGDELL STOKES.....Summerdale, Phila., Pa.  
 M. ALBERT LINDON.....4601 Market St., Phila.  
 FRANCIS R. TAYLOR.....901 Girard Trust Bldg., Phila.  
 EDWARD WOOLMAN.....Haverford, Pa.  
 THOMAS W. ELKINTON.....121 S. 3rd St., Phila.  
 DR. S. EMLEN STOKES.....Moorestown, N. J.  
 HENRY CARTER EVANS.....635 Manatawna Ave., Roxboro, Phila.  
 WILLIAM M. MAIER.....Bailey Building, Phila.  
 \*JOHN COLVIN WRIGHT.....116 E. Penn St., Bedford, Pa.

## FACULTY REPRESENTATIVES ON BOARD OF MANAGERS

### *Term Expires 1945*

DEAN P. LOCKWOOD

### *Term Expires 1946*

FRANK D. WATSON

## OFFICERS

### *Chairman of Board*

MORRIS E. LEEDS

### *Secretary of Board*

WILLIAM NELSON WEST, III

\* Alumni Representative Manager.

† Deceased, October 11th, 1944.

STANDING COMMITTEES OF THE BOARD OF MANAGERS  
OF THE CORPORATION OF HAVERFORD COLLEGE

*Executive Committee*

J. STOGDELL STOKES, <i>Chairman</i>	THOMAS W. ELKINTON
JONATHAN M. STEERE	S. EMLÉN STOKES
J. HENRY SCATTERGOOD	PAUL V. R. MILLER
FREDERIC C. SHARPLESS	W. NELSON WEST, 3RD
ALEXANDER C. WOOD	

*Committee on Finance and Investments*

JONATHAN M. STEERE, <i>Chairman</i>	ALEXANDER C. WOOD
J. HENRY SCATTERGOOD	M. ALBERT LINTON
WILLIAM B. BELL	S. EMLÉN STOKES

*Committee on Audit and Accounts*

WILLIAM A. BATTEY, <i>Chairman</i>	WILLIAM M. MAIER
FRANCIS R. TAYLOR	JOHN F. GUMMERE
HAROLD EVANS	JOHN COLVIN WRIGHT

*Committee on College Property and Farm*

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FREDERIC H. STRAWBRIDGE	THOMAS W. ELKINTON
EDWARD W. WOOLMAN	JOHN A. SILVER
ALFRED BUSSELLE	WILLIAM M. MAIER
OWEN B. RHODES	

*Committee on Honorary Degrees*

WILLIAM WISTAR COMFORT, <i>Chairman</i>	FRANCIS R. TAYLOR
STANLEY R. YARNALL	ALEXANDER C. WOOD
M. ALBERT LINTON	HENRY M. THOMAS

*Counsel*

MACCOY, BRITTAIN, EVANS, AND LEWIS  
1632 Chestnut Street, Philadelphia

## FACULTY

---

### FELIX M. MORLEY

A.B., *Haverford College*; B.A., *Oxford University*; Ph.D., *Brookings Institution*; LL.D., *Hamilton College and University of Pennsylvania*; Litt.D., *George Washington University*  
President

---

Arranged in order of appointment to present rank

### WILLIAM WISTAR COMFORT

A.B., *Haverford College*; A.B., A.M., and Ph.D., *Harvard University*; Litt.D., *University of Pennsylvania*; LL.D., *University of Maryland, Lake Forest College and Haverford College*  
President, *Emeritus*

### HENRY SHERRING PRATT

A.B., *University of Michigan*; A.M. and Ph.D., *University of Leipzig*  
David Scull Professor of Biology, *Emeritus*

### JAMES ADDISON BABBITT†

A.B., *Yale University*; A.M., *Haverford College*; M.D., *University of Pennsylvania*  
Professor of Hygiene and Physical Education, *Emeritus*

### RUFUS MATTHEW JONES

A.B. and A.M., *Haverford College*; A.M. and D.D., *Harvard University*; Litt.D., *Penn College*;  
LL.D., *Haverford College, Swarthmore College, Earlham College and Williams College*;  
D. Theol., *University of Marburg*; D.D., *Yale University*; D. Lit.Hum., *Colgate University*;  
S.T.D., *Colby College, Columbia University*;  
H.Litt.D., *Jewish Inst. of Religion*

T. Wistar Brown Professor of Philosophy, *Emeritus*

### LEGH WILBER REID

S.B., *Virginia Military Institute*; A.B., *Johns Hopkins University*;  
S.M., *Princeton University*; Ph.D., *University of Göttingen*  
Professor of Mathematics, *Emeritus*

### ALBERT HARRIS WILSON

S.B. and S.M., *Vanderbilt University*; Ph.D., *University of Chicago*  
Professor of Mathematics, *Emeritus*

### HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*; Sc.D., *Haverford College*  
Lecturer in Astronomy, *Emeritus*

---

### FREDERIC PALMER, JR.\*

A.B., A.M., and Ph.D., *Harvard University*  
Professor of Physics

### WILLIAM EDWARD LUNT

A.B. and L.H.D., *Bowdoin College*; A.M. and Ph.D., *Harvard University*  
Walter D. and Edith M. L. Scull Professor of English Constitutional History

### LEON HAWLEY RITTENHOUSE\*

M.E., *Stevens Institute of Technology*  
Professor of Engineering

### FRANK DEKKER WATSON

S.B. in Economics and Ph.D., *University of Pennsylvania*  
Professor of Sociology and Social Work

### DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*  
Professor of Latin

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\* Absent on leave 1944-45.

† Deceased, October 14, 1944.

## WILLIAM BUELL MELDRUM

B.A. and M.Sc., *McGill University*; Ph.D., *Harvard University*  
John Farnum Professor of Chemistry

## LEVI ARNOLD POST

A.B. and A.M., *Haverford College*; A.M., *Harvard University*;  
B.A. and M.A., *Oxford University*  
Professor of Greek

## EMMETT REID DUNN

A.B. and A.M., *Haverford College*; Ph.D., *Harvard University*  
David Scull Professor of Biology

## EDWARD DOUGLAS SNYDER

A.B., *Yale University*; A.M. and Ph.D., *Harvard University*  
Professor of English

## FRANK WHITSON FETTER\*

A.B., *Swarthmore College*; A.M., *Harvard University*; A.M. and Ph.D., *Princeton University*  
Professor of Economics

## JOHN ALEXANDER KELLY

A.B., *Emory and Henry College*; A.M. and Ph.D., *Columbia University*  
Professor of German

## DOUGLAS VAN STEERE

S.B., *Michigan State College*; B.A., *Oxford University*; A.M. and Ph.D., *Harvard University*  
Professor of Philosophy

## RICHARD MANLIFFE SUTTON

S.B., *Haverford College*; Ph.D., *California Institute of Technology*  
Professor of Physics

## CLETUS O. OAKLEY

B.S., *University of Texas*; S.M., *Brown University*; Ph.D., *University of Illinois*  
Professor of Mathematics

## RALPH M. SARGENT

A.B., *Carleton College*; Ph.D., *Yale University*  
Professor of English

## MARTIN FOSS

LL.D., *University of Jena*  
Visiting Professor of Philosophy and Government

## ALFRED J. SWAN

B.A. and M.A., *Oxford University*  
Associate Professor of Music

## JOHN GOODWIN HERNDON

A.B. and M.A., *Washington and Lee University*; Ph.D., *University of Pennsylvania*  
Associate Professor of Government

## JOHN WILLIAM FLIGHT

B.A., *Hope College*; M.A., *Yale University*; B.D. and Ph.D., *Hartford Theological Seminary*  
Associate Professor of Biblical Literature

## HARRY WILLIAM PFUND

A.B., *Haverford College*; A.M. and Ph.D., *Harvard University*  
Associate Professor of German

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\* Absent on leave 1944-45.

## HAVERFORD COLLEGE

## HOWARD COMFORT

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*;  
F.A.A.R., *American Academy in Rome*  
Associate Professor of Latin and Greek

## ALEXANDER JARDINE WILLIAMSON\*

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*  
Associate Professor of Romance Languages

## ROY EARL RANDALL\*

Ph.B., *Brown University*  
Associate Professor of Physical Education

## CLAYTON WILLIAM HOLMES

B.S., *University of New Hampshire*; A.M., *Haverford College*;  
M.E., *University of New Hampshire*  
Associate Professor of Engineering

## THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*  
Associate Professor of American History

## HOWARD MORRIS TEAF, JR.

B.S. in Econ., A.M., and Ph.D., *University of Pennsylvania*  
Associate Professor of Economics

## CARL BARNETT ALLENDOERFER\*

S.B., *Haverford College*; B.A. and M.A., *Oxford University*; Ph.D., *Princeton University*  
Associate Professor of Mathematics

## RICHARD MAX BERNHEIMER\*

Ph.D., *University of Munich*  
Associate Professor of Art

## EDMUND STINNES

Ph.D., *Charlottenburg Institute of Technology*  
Associate Professor of Government

## ABRAHAM PEPINSKY

B.A. and M.A., *University of Minnesota*; Ph.D., *The State University of Iowa*  
Visiting Associate Professor of Psychology and Music

## WILLIAM EDWARD CADBURY, JR.

S.B. and A.M., *Haverford College*; Ph.D., *University of Pennsylvania*  
Associate Professor of Chemistry

## THOMAS OSWELL JONES\*

B.E., *Oshkosh Teachers College*; Ph.M. and Ph.D., *University of Wisconsin*  
Associate Professor of Chemistry

## HOWARD KNICKERBOCKER HENRY

B.S., *University of Pennsylvania*  
Assistant Professor of Botany

## THEODORE BRINTON HETZEL\*

S.B., *Haverford College*; B.S., in M.E., *University of Pennsylvania*;  
M.S. and Ph.D., *Pennsylvania State College*  
Assistant Professor of Engineering

## ALFRED WILLIAM HADDLETON

Assistant Professor of Physical Education

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\* Absent on leave 1944-45.

## LOUIS C. GREEN\*

A.B., A.M., and Ph.D., *Princeton University*  
Assistant Professor of Astronomy

## OMAR PANCOAST, JR.\*

B.S., *Johns Hopkins University*; Ph.D., *Columbia University*; C.L.U.,  
*American College of Life Underwriters*  
Assistant Professor of Economics and Sociology

## MAYLON H. HEPP

A.B. and A.M., *Oberlin College*; Ph.D., *Brown University*  
Assistant Professor of Philosophy

## HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*  
Lecturer in Hygiene

## ARLINGTON EVANS

B.P.E., *Normal College A.G.U.*; M.S., *Temple University*  
Instructor in Physical Education

## LINDSAY A. LAFFORD\*

Fellow of the *Royal College of Organists*; Licentiate of the *Royal Academy of Music*;  
Associate of the *Royal College of Music*  
Instructor in Music

## THOMAS C. GIBB

A.B., *Dickinson College*; M.A., *Haverford College*  
Instructor in English

## JOHN OTTO RANTZ

Graduate of the *Williamson Free School of Mechanical Trades*  
Instructor in Engineering

## THOMAS A. BENHAM

B.S., *Haverford College*  
Instructor in Physics

## FRANCIS COPE EVANS

S.B., *Haverford College*; D.Phil., *Oxford University*  
Instructor in Biology

## LAURENCE WILLIAM WYLIE

B.A., and M.A., *University of Indiana*; Ph.D., *Brown University*  
Instructor in French

## ELISA ASENSIO

Instructor in Spanish

## ELIZABETH W. COMFORT

A.B., *Vassar College*  
Instructor in French

The Acting Dean, the Registrar and the Bursar are ex-officio members  
of the Faculty

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## ASSISTANTS

ALAN S. FITZGERALD

Research Associate

in

Physics and Engineering

LEWIS EDWARD COFFIN, '45

Assistant in Chemistry

The following Lecturers are full or part-time members of the Faculty in connection with the Reconstruction and Relief Unit.

ALDO CASELLI

D.S.E. and C., *University of Naples*

Italian

HERTHA KRAUS

Ph.D., *University of Frankfurt*

International Relief Administration

CHARLES WACHTEL

Ph.D., *De Pauw University*

Polish

WALTER S. OBOLD

B.S., *Franklin & Marshall College*; M.S. and Ph.D., *University of Pennsylvania*

Public Sanitation

LILA G. HAINER

B.S., *Columbia University*; A.M., *University of Chicago*

Home Economics





## OFFICERS OF ADMINISTRATION

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FELIX M. MORLEY

A.B., *Haverford College*; B.A., *Oxford University*; Ph.D., *Brookings Institution*; LL.D.,  
*Hamilton College and University of Pennsylvania*; Litt.D., *George Washington University*  
President

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*  
Vice President, and Director of Admissions

THOMAS C. GIBB

A.B., *Dickinson College*; A.M., *Haverford College*  
Acting Dean

WILLIAM MINTZER WILLS

A.B., A.M., *Haverford College*  
Registrar

ALDO CASELLI

D.S.E. and C., *University of Naples*  
Bursar

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*  
Librarian

ROBERT J. JOHNSTON\*

Superintendent

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*  
Physician in Charge

LOUIS C. GREEN

A.B., A.M., and Ph.D., *Princeton University*  
Director of the Strawbridge Memorial Observatory

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*  
Curator of the Quaker Collection

BRINTON H. STONE

A.B., *Johns Hopkins University*; M.A., *Columbia University*  
Assistant to the President

CHARLES BYLES

Steward

AMY L. POST

A.B., *Earlham College*  
Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*  
Resident Nurse

MARY L. SCAIFE

Administrative Secretary

\*Deceased, December 14, 1944

## STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

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The President and Vice-President are ex-officio members of all committees. These administrative officers, the two faculty representatives on the Board of Managers, the three elected divisional representatives of the Faculty, the Director of the Reconstruction and Relief Unit, and Mr. Stone compose the Academic Council. Under the chairmanship of the President this body meets semi-monthly throughout the year to consider matters of College policy. The elected members for 1944-45 are Messrs. Herndon (Social Science), Dunn (Natural Sciences) and Flight (Humanities).

### *Admissions*

MR. MACINTOSH, *Chairman*

MESSRS. H. COMFORT, HOLMES, KELLY, SUTTON

### *Curriculum and Honors*

MR. PFUND, *Chairman*

MESSRS. DUNN, LOCKWOOD, STINNES, WATSON

### *Delinquent Students*

MR. CADBURY, *Chairman*

MESSRS. BENHAM, OAKLEY, POST, TEAF

### *Fellowships and Prizes*

MR. FLIGHT, *Chairman*

MESSRS. DRAKE, PEPINSKY, PFUND, SNYDER

### *Graduate Students*

MR. STEERE, *Chairman*

MESSRS. DUNN, LUNT, MELDRUM, WYLIE

### *Library*

MR. SARGENT, *Chairman*

MESSRS. DRAKE, EVANS, FOSS, LOCKWOOD, PEPINSKY

### *Postwar Planning*

MR. SARGENT, *Chairman*

MESSRS. TEAF, H. COMFORT, MACINTOSH, WATSON, HOLMES, EVANS, STONE

### *Pre-Medical Education*

MR. MELDRUM, *Chairman*

MESSRS. EVANS, HENRY, SUTTON, TAYLOR

### *Publications*

MR. MORLEY, *Chairman*

MESSRS. SARGENT, H. COMFORT, TEAF, WILLS

### *Student Affairs*

MR. EVANS, *Chairman*

MESSRS. BENHAM, HADDLETON, HERNDON, KELLY

# GENERAL REGULATIONS

## ADMISSION

The policy of Haverford College is to admit to the freshman class those applicants who, in the opinion of the Committee on Admissions, are best qualified to profit by the opportunities which the College offers and at the same time to contribute to the undergraduate life. Due regard is given not only to scholarly attainment as shown by examination and by school record but also to character, personality, and interest and ability in important extra-curricular activities.

Whenever practicable, the College will arrange for the candidate to have a personal interview with a representative of this institution. Every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a carefully selected and comparatively small student organization. On the basis of all information available—College Board reports, school record, class standing, evidence touching on character and personality—the application will be accepted or rejected, and the decision of the Committee on Admissions is final. Preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Students who are accepted will be admitted without conditions. To those who on entrance show marked proficiency in certain subjects, as a result of special tests provided, advanced standing in those subjects will be granted.

Each applicant for admission must take the Scholastic Aptitude Test given by the College Entrance Examination Board, and usually some achievement tests given by the same Board. Applications involving divergence from the normal procedure must be discussed in detail with the Director of Admissions. In addition the applicant must present, on blanks furnished by the College, his school record and a certificate of character signed by his school principal. The school certificate must show satisfactory attainment in 15 units\* of work.

The preparatory course must include four years of English, at least a year and a half of Algebra and one year of Geometry, and three years of one foreign language and two years of another; or,

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\* A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work.

if four units of Latin are offered, two units of a second language are required. Cases involving divergence from the requirement should be discussed with the Director of Admissions. The remaining units will be drawn from laboratory science, history, and additional mathematics and language.

A candidate may offer an elective in a subject not in the usual list, if this choice is approved by the Admissions Committee, and if he shows proficiency that indicates an amount of study and intellectual effort commensurate with that required in other subjects.

#### INFORMATION CONCERNING COLLEGE ENTRANCE BOARD TESTS

In addition to the Scholastic Aptitude Test of the College Entrance Board, which is required of *all* candidates for admission, each candidate shall take, after consultation with the Admissions Office, three of the Achievement Tests offered by the Board.

A single Bulletin of Information containing rules for the filing of applications and the payment of fees, lists of examination centers, etc., may be obtained without charge from the College Entrance Examination Board. The Board does not publish a detailed description of the Scholastic Aptitude Test or the Achievement Tests. A practice form of the former test will be sent to every candidate who registers for it.

Candidates should make application by mail to the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey. Blank forms for this purpose will be sent to any teacher or candidate upon request. When ordering the forms, candidates should state whether they wish to take the December, April, June, or September tests.

In order to facilitate the arrangements for the conduct of the tests, all applications should be filed as early as possible. Each application should be accompanied by the appropriate examination fee, which is four dollars for candidates who take only the Scholastic Aptitude Test and eight dollars for all other candidates. Applications and fees should reach the office of the Board by November 11, 1944, for the December, 1944 tests; March 17, 1945, for the April tests; May 12, 1945, for the June tests, and August 15, 1945, for the September tests.

When a candidate has failed to obtain the required blank form of application, the regular fee will be accepted if it arrives not later than the specified date and is accompanied by the candidate's name and address, the exact examination center selected, the college to which his report is to be sent, and the test or tests he is to take.

# HAVERFORD COLLEGE

## APPLICATION BLANK

TO THE DIRECTOR OF ADMISSIONS, HAVERFORD COLLEGE,  
HAVERFORD, PENNSYLVANIA

Under the conditions set forth on page 21 of the Haverford College Catalog for 1944-45, I hereby make application for the entry of (*write name in full*) :

.....  
First name Middle name Last name

as a student in Haverford College during the year 19.....

Date of birth.....

Religious affiliation.....

School last attended.....

Date of graduation.....

Course which he desires to enter (mark one) :

ARTS

SCIENCE

ENGINEERING

Candidate is an applicant for a scholarship.....

Resident or Day Student.....

Room preference (expense and location) .....

.....  
Name of parent or guardian

.....  
Number Street

.....  
City State

.....19.....  
Date



The Board will report the results of the tests to the institution indicated on the candidate's application. The colleges will, in turn, notify the candidates of the action taken upon their applications for admission. Candidates will not receive reports upon their tests from the Board.

#### ADMISSION OF VETERANS

The College welcomes the return of men whose education has been interrupted by military, naval, or non-combatant service. Veterans will be admitted on the standards of accomplishment set for regular Haverford students. Academic credit for strictly military courses or for work in CPS camps and applications for admission without the usual examinations will be considered on an individual basis. Flexibility will be maintained in regard to the time of admission of veterans, particularly in the *fall and spring terms*. Candidates who are interested should apply to the admissions office for details.

#### ADVANCED STANDING

Since Haverford offers an integrated education, admission with advanced standing is ordinarily granted only in a limited number of cases. An undergraduate who comes from an approved college must submit an official statement of his honorable dismissal, together with a full list of his accepted preparatory subjects, and a list of all his college courses with his record therein.

#### COURSES OF STUDY

Haverford College recognizes each matriculate as an individual whose training in the past and whose plans for the future may differentiate him from his fellows. The College accordingly lays out tentatively an individual plan of study for each student at the beginning of his Freshman year. This plan is confirmed or modified for each succeeding year.

In making each plan, the College directs Faculty members to see to it that the student takes in his Freshman and Sophomore years certain courses which are required in *his* case and that he distributes his limited electives so as to make the plan both broad and sound.

Twenty academic courses plus three Physical Education courses are required for graduation. The academic courses may be classified as follows:

Required .....	1
Limited Electives .....	5 or 6
(Foreign Language 1 or 2, others 4)	
Major Concentration (average) .....	6
Free Electives .....	7 or 8
Total .....	20

For those who undertake an accelerated program the equivalent of thirty-six courses of one term each are required. The number of required courses, limited electives, and average major concentration courses are the same as for those who do not accelerate.

### REQUIRED COURSES

Two one-term courses in English, and Physical Education 1, are required of all Freshmen. Physical Education 2 and Physical Education 3 are required of all Sophomores and Juniors, respectively.

### LIMITED ELECTIVES

It is the conviction of Haverford College that the study of Greek and Latin offers both general and specific values which ought not to be lightly omitted from the education of its students; in view of this conviction the College may advise and, where it deems necessary, is prepared to require the study of these subjects.

1. Each student who is a candidate for the Bachelor's degree should present at entrance three units of one foreign language and two of another. After entrance he must pass either one course in a language which he has presented for entrance or two courses in a third foreign language.

2. Each student must pass a course of two terms or two courses of one term each in Literature, either English or foreign, from the following list: English *8b*, *11a*, *12b*, *14b*, *21a*, *21b*, *22b*, *23a*, *26b*, *27a*, *30b*, *32b*, *41a*, *42b*, and *43a*; French *16b*, *17a*, *18b*, *19a*; German *5a*, *6b*, *11a*, *12b*, *13a*, *14b*, *15a*, *17a*, and *18b*; Greek *2*, *3a*, *4b*, *7a*, *8b*, *9a*, *10b*, and *27a*; Latin *5a*, *6b*, *7*, *9a*, *10b*, *11*; Spanish *4a*, *4b*, *5a*, *6b*, and *7*. Any course in Art or Music may be substituted for a literature course, with the permission of the departments concerned.

3. Each student should present one course involving laboratory work in Biology, Chemistry, or Physics, or must take one after entrance.

4. Each student must pass a course of two terms or two courses of one term each chosen from Biblical Literature *1a*, *2b*, *4b*, *5a*, *6b*, *8b*; Philosophy *3a*, *5*, *7a*, *9a*, *10b*, *17a*, *18b*, or Sociology *1a*, *2b*, *4b*.

5. Each student must pass a course of two terms or two courses of one term each in Economics, Government, or History.

### MAJOR CONCENTRATION

A student may elect to major in any one of the following departments: Art, Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, Latin, Mathematics, Music, Philosophy, Physics, Sociology, Spanish.



Definite requirements of each department are stated under the name of the department on pages 55-89 and are understood as applying to the class of 1948. During the fourth term of his attendance each student should confer with the Major Supervisor of the department in which he wishes to major, and must apply to him for written approval of a program of courses for the last four terms. Such a program must provide for the completion by the end of the Senior year of no fewer than six courses, at least three of which must have been in the major department and the others in closely related fields. Courses taken before the Junior year are included or not, at the discretion of the Major Supervisor. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before the date specified on the College Calendar, a copy of his Major program, signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his fourth term. Should the student's application be rejected by all the departments to which he applies, he will not be promoted.

A student who applies for permission to become a Major in any Department may be rejected *for scholastic reasons only*. The College rule on this point is:

If, at the time specified for application, the average of the grades obtained by a student in the preliminary courses and "major requirements" of any department is 75 or above, the student will be accepted by that department.

If the average of the grades obtained in these courses is below 70, the student will be accepted in that department only under exceptional circumstances.

If the average of the grades obtained in these courses is 70 or above, but below 75, the decision will be at the discretion of the Major Supervisor.

The phrase "preliminary courses," above, is understood to mean any courses the student may already have taken in the department for which he is applying. If the applicant has not already taken any courses in that department, the department should name courses in other departments which might be regarded as "preliminary."

On a student's approved major registration form shall be listed *only* those major courses and closely related courses which constitute his major program. The student chooses his own free elective courses for his last four terms, after consultation with his Major Supervisor,

"whose power outside the field of major concentration is, however, merely advisory." (Catalog, 1937, page 36.)

Each student shall consult with his Major Supervisor within the first two weeks of each term during his last four terms for the purpose of reviewing his program of courses. Due notice of this responsibility is to be given by the Dean to the students and to the Major Supervisors.

Each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. The passing grade for this examination is 70. In case of failure a candidate may, with the permission of his Major department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

If the re-examination be taken one year later, during the regular period of major examinations, there is no fee. But if the candidate applies for re-examination at an earlier date (involving the preparation of a special examination for one individual) and if the request is granted, the fee is \$25.00.

A student who has been formally accepted as a Major by any department has the right to remain as a Major in that department as long as he is in College. Should he wish to change from one department to another after the beginning of his fifth term, the change can be made only by the consent of the two Major Supervisors concerned and the Dean.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year.

Examination in the Major subject in courses taken in the Senior year may be omitted at the discretion of the Major Supervisor.

#### FREE ELECTIVES

A number of courses sufficient to bring the total to twenty academic courses shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right through the Dean to prevent unreasonable combinations of courses but that in the Junior and Senior years the student will choose his free electives after consultation with his Major Supervisor.

#### PROGRAMS

##### *Freshman Program*

Although the Dean is instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty requires that

English be taken throughout the year, and recommends in all usual cases that Freshmen take one or two foreign languages and two or three courses chosen from History, Mathematics, and Science, not more than one in any one of those fields.

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Art 1	Government 3a, 4b
Biblical Literature 1a, 2b	Greek 1, 2, 3
Biology 1 or 2a	History 1
Chemistry 1 or 2	Latin 1, 3, 5a, 6b, 7
Engineering 1a, 2b, 10b	Mathematics 1
French 1, 2 or 3	Physics 1
German 1, 2 or 3	Spanish 1 or 3

In special cases, Freshmen may be admitted to certain other courses with the consent of the Dean.

In cooperation with the Department of English the Dean administers a series of standard tests to all entrants within the first few days of each term. The results of these tests are used to help Freshmen to readjust, if necessary, their selection of courses. These tests are also used as the basis of a recommendation to some Freshmen to elect the course in remedial reading using the Harvard Reading Films. This course is offered each term to students who feel the need of establishing reading habits that will improve their comprehension and increase their speed when studying reading assignments.

A Freshman will not be permitted to take more than five courses, in addition to Physical Education, except with special consent of the Faculty. As to requisite grades, see page 38.

### *Sophomore, Junior, and Senior Programs*

A Sophomore, Junior, or Senior must take five courses, besides Physical Education, and may not take more than five, unless he receives the special permission of the Dean or is required to repeat or substitute a course, in which case he must also obtain the consent of the Dean. For promotion and graduation grades, see page 38. Unless otherwise specified, all courses offered in any term are open to Sophomores, Juniors, and Seniors.

A member of the three upper classes is expected to assume full responsibility for his academic program term by term, but the help of the Faculty and of the Administration is freely available in regard to immediate and general programs. During the war all students in College are required to file in the current term a tentative program for the next term, so that plans can be made for offering courses.

## SPECIAL CASES

Whenever a student gives proof of special aims and abilities, the College is prepared to lay aside such requirements of the preceding plan as stand between him and the accomplishment of his ambitions. An undergraduate who is not required to take extra work because of a deficiency or delinquency may be able to take extra courses at a charge of \$25.00 for each extra semester course, by applying to the Dean. No refund will be made to a student who drops a sixth course after the first two weeks of a semester.

## CONFLICTING COURSES

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned. In case of conflict involving a repeated course the repeated course takes precedence.

## INTERCOLLEGIATE COURTESY

Because of the cooperative relationship now existing between Bryn Mawr College, Haverford College, Swarthmore College, and the University of Pennsylvania, full-time students of one of these four institutions may, upon presentation of the proper credentials, enroll for courses in another institution of the group. This institutional courtesy does not involve the payment of additional fees except in the case of laboratory courses, in which case the visiting student will be charged the same laboratory fees or deposits as students in the institution to which he goes.

Students desiring to take advantage of this arrangement should secure the permission of the Dean, and also the permission of the chairman of the Department at the College under which the course involved would most naturally fall. It is also desirable that the instructor giving the course be consulted in advance.

Graduate students will obtain similar permission from the Committee on Graduate Students. Ordinarily, the holder of a graduate fellowship will not be permitted to take more than one course in another institution for credit on his Haverford record.

The Presidents of Bryn Mawr, Swarthmore, and Haverford consult at regular intervals to further cooperative arrangements between their respective institutions.

## DEGREES

## BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years, respectively, a general average, for the year, of 70 or above, and provided they have passed their Major examinations with a grade of 70 or above, are granted the degree of Bachelor of Arts or Bachelor of Science. The normal degree conferred upon all candidates meeting these requirements is that of Bachelor of Arts. However, upon request by the candidate, and approval by the department concerned, the Bachelor of Science degree will be granted to men majoring in Natural Science, Mathematics, or Engineering. The fee for the Bachelor's degree is \$15.

## MASTER OF ARTS AND MASTER OF SCIENCE

*Admission to Candidacy.*—Graduates of Haverford College or an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science. A candidate should have a reading knowledge of one foreign language, ancient or modern.

*Requirements.*—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80) and to do satisfactory additional intensive work, equivalent at least to a full course, which may take the form of a thesis or other research. (In a full year course in which credit is not granted for the work of a single term, the course grade is the average of the two term grades; in other cases each term's work is a separate course, for the purposes of this requirement.) At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may, at the discretion of the professor in charge, be required to pass a comprehensive examination upon the field of his major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1

to the Chairman of the Committee on Graduate Students. After approval by this Committee, the program must be filed with the Registrar. Before award of the Master's degree the candidate must deposit two copies of his thesis in the College library.

A minimum of one year's residence is required, and a candidate, if well prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate a longer period of residence may be necessary, but candidates for the Master's degree must complete the required work in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not in general be able to satisfy the requirements for the degree in one year.

*Charges.*—The charges for a Graduate Student are: tuition, \$450; board, \$300; lodging, \$175. The fee for the Master's degree is \$20. Laboratory fees, supplies, breakage, and incidentals are extra.

*Fellowships.*—Six graduate fellowships of \$800 each are available each year primarily for members of the Society of Friends and for the graduates of other Friends' Colleges in the United States, who wish to proceed with their education in any department of Haverford College which may be selected, provided the candidate and his proposed schedules of study are approved by the Committee on Graduate Students. Any recipient of a graduate fellowship should have additional resources of at least \$300. The board and lodging must be at Haverford College unless by arrangement with the Dean they are taken at the neighboring Quaker community of Pendle Hill.

Applications should be accompanied by a certified list of the applicant's courses and grades as an undergraduate, a statement of his draft status, three letters concerning the character, personality, financial condition and qualifications of the applicant, a copy of the catalog of the institution in which the applicant was an undergraduate, and a small photograph. Applications and material should be in the hands of the Dean of Haverford College before March 1st to secure consideration for the following year.

## GRADUATE FELLOWSHIPS FOR STUDY IN RECONSTRUCTION AND RELIEF

By act of the Faculty of Haverford College on March 18 and by the Board of Managers on March 19, 1943, the *Reconstruction and Relief Course* was declared a possible field for specialization for the Master of Arts or the Master of Science degree at Haverford College: the Master of Arts and the Master of Science degrees were also open to women; and the six Thomas Wistar Brown graduate fellowships of \$800 each were declared open to men and women candidates intending to specialize in the field of Reconstruction and Relief, provided that the other conditions of this trust were fulfilled.

Only those candidates approved by the Faculty Graduate Students Committee as suitable for graduate study will be permitted to receive credit toward a graduate degree while taking these training courses in the Reconstruction and Relief Unit. Further, it is to be noted that graduate credit is only to be allowed in those courses which are declared open to graduate study. In the case of the Reconstruction and Relief courses, all courses in the existing Specialization curriculum, with the exception of the elementary language courses, however, are open to graduate study. The usual requirement of a minimum grade of 80 in each course for graduate students will be maintained.

For well-prepared candidates from colleges of high standing, it would be possible to complete the course work for the Master of Arts or Master of Science degree in the twelve months of resident academic study designated in the graduate course of the Reconstruction and Relief training. The Master of Arts thesis would alone remain to be completed outside of this time. Arrangements have been made for an extension of time for completing theses for those actively engaged in Relief and Reconstruction service abroad.

## HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention*, *Preliminary Honors*, and *Final Honors*.

*Honorable Mention*† will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, and additional work to the total amount of not less than 60 hours. Candidates for *Honorable Mention* must obtain a minimum grade of 85 in the regular work of the course and pass creditably an examination on the additional work required. Two courses of one term each in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for *Honorable Mention*, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, do so during the Sophomore year.

*Preliminary Honors* will be awarded at the end of the Sophomore or Junior year for work in not less than two courses of two terms each in a single department, and additional work to the total amount of not less than 120 hours. Candidates for *Preliminary Honors* must obtain a minimum average grade of 85 in the courses required for such honors and a grade satisfactory to the Department in such of these courses as are taken in the Sophomore or Junior year, and must pass creditably examinations on the additional work required.

*Final Honors* are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the major department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors, the verdict of an outside examiner may be obtained if deemed desirable. The various departments and divisions will adopt such specifications for *Final Honors* as they see fit.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-

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† *Honorable mention* is awarded in Freshman English in connection with the work of the second term (English 2b).



half of one per cent for each award of Honorable Mention or Preliminary Honors. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent, respectively, to the average for the Senior year of each student receiving such award.

### PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, *before May 1*.

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

#### ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory.

#### JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING IN LITERATURE

A first prize of \$50 and a second prize of \$25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a period or comprehensive topic in the field of literature (ancient, American or foreign) during at least two years of their college career.

The administration of these prizes is in the hands of the Committee on Fellowships and Prizes, with which the candidate shall register and which shall approve the subject chosen. The Committee will then recommend the candidate to the Department or Departments to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the Departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

#### THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

#### THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898 on the twenty-fifth anniversary of their graduation established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and may be awarded to a student who has attained a high degree of proficiency in chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

#### THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

#### THE DEPARTMENT PRIZES IN MATHEMATICS

A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

#### THE ELLISTON P. MORRIS PRIZE

A prize of \$40, open to all undergraduates and to graduates of not more than three years' standing, is offered every year for the best essay bearing on the general problem of "International Peace and the Means of Securing It." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with

the Registrar before May 1. The judges shall be appointed by the President of the College. For the 1944-45 competition the following subjects are offered:

1. A Critical Evaluation of Leading Proposals for Post-War Reconstruction.
2. Appraisal of Prominent Plans for International Organization Following the Present War.
3. The Problem of Sovereignty versus World-Government.
4. America's Part in Post-War Organization.

The presentation should be not merely a catalog of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize, but the two prizes will not be awarded to one person.

#### THE ELIZABETH P. SMITH PRIZE

A prize of \$40 is offered annually to the undergraduate who presents the best essay on international peace under the same conditions and terms as the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

#### PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

These prizes may be competed for during any year of the College course.

#### THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of

the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

#### THE CLASS OF 1910 POETRY PRIZES

Two prizes of \$15 and \$10, respectively, are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1. The judges shall be appointed by the President of the College.

#### THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

Candidates must register with the Committee on Fellowships and Prizes before March 1. The contest closes May 1. By that date every candidate shall have deposited with the Registrar a list of books and a brief essay explaining the purpose of his collection.

#### THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

#### THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History under the following general provisions:

*First*—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

*Second*—The prize shall not be awarded twice to the same student.

*Third*—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

#### *Conditions*

In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject

selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited under an assumed name with the Registrar before May 1.

For the competition of 1944-45 the following subjects are submitted:

1. Diplomatic Relations Between Great Britain and France from 1880 to 1906.
2. The Development of the Free City of Danzig from 1919 to 1938.
3. Franco-American Relations, 1776 to 1815.
4. The Growth of the American Navy, 1865 to 1940.

#### THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$50) may be awarded annually on the basis of Final Honors in English, provided that the Department judges that the work of the leading candidate merits such award.

#### THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize (\$50) will be awarded annually to the upper classman who shall have shown the "greatest achievement in voice and the articulation of the English language."

#### THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$50 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

THE NATIONAL FOUNDATION FOR EDUCATION IN  
AMERICAN CITIZENSHIP PRIZE

A cash prize of \$100 for the best essay, by a Haverford undergraduate, on the subject of "The Basic Principles Underlying the Government of the United States" is offered by this Foundation. The essay shall be typewritten, should not exceed five thousand words, and must be deposited under an assumed name with the Registrar before May 1. Accelerating Seniors are eligible for this competition and may submit their essays within one year after leaving College.

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued at the end of each term.

Freshmen are expected to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores are required to obtain a general average for the year of at least 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation.

DELINQUENT STUDENTS

A student who achieves a grade of 50-60 (E) as his term mark in any course is allowed a special examination in September following the failure (on Monday, Tuesday, or Wednesday immediately preceding the opening of College). Seniors who achieve 50-60 in any course (except in the Major Examination, see page 25) are permitted to take the special examination during Commencement Week. These examinations, known as make-up examinations, are scheduled only upon written request by the student and on the payment of the fee of \$5.00 for each examination. The request and the fee must be received by the Registrar ten days before the opening of College in September. Late applicants are subject to an additional fee of \$5.00. During the war special examinations for those with a grade of 50-60 may be arranged through the Dean and scheduled soon after the condition is registered. A student who achieves a grade below 50 is not permitted to take a special examination in that course.

A student with 50 or below as his term grade, or with 50-60 as his term grade in any course after the special examination privilege has lapsed or after taking a special examination must repeat the course

if it is a required course (repeated courses take precedence in the case of conflict, and are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining this degree.

A fee of \$15 per term is charged for all repeated or substituted courses.

No student, after his freshman year, shall be permitted to drop a course after the second week of a term, except upon the recommendation of the Dean and with the approval of the instructor in charge. A course, once reported to the College office, shall not be removed from the student's record. In the case of failure this shall apply, even though the credit deficiency has been made up by taking an extra course in a subsequent semester, or applying a credit previously obtained. If a student fails a course and wishes to make up the credit deficiency by taking an extra course in the subsequent term, he shall be granted permission only if he first forfeits all right to re-examination in his failed course.

A Sophomore who fails to attain promotion average (see page 38), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 38), and who has not more than one failure, may take a re-examination in the course of one term in which he has received the lowest grade, provided that this grade be better than F.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has failures against him in more than two one-term courses at the opening of College in September will be dropped. In such cases no refund will be made (see page 41).

## FINANCIAL ARRANGEMENTS

### ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 21) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$100 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited, unless the student be *excluded by the College* for failures or other sufficient reason, in which case the fee will be refunded.

Students are expected to treat their own and College property with the same consideration as in their own homes. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requesting withdrawal from the College.

The College does not hold itself responsible for the safekeeping of private property left by the students in their rooms, or elsewhere on the campus.

### EXPENSES

The combined charge for tuition (\$450), board (\$300), and room rent (\$100 to \$225, according to location), varies from \$850 to \$975 for the fall and spring terms. The charge for the summer session is \$45 for each term course, \$10 a week for board, and \$40 to \$55 for room rent. These charges, which are subject to alteration by the Board of Managers if circumstances render such action desirable, include heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.*, a bureau and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets and towels. In general, two students share one study and each has his private bedroom adjoining. A few single rooms are also available.



Because of the occupancy of Barclay Hall by the U. S. Government units resident at Haverford College, it is not at present available as a dormitory.

The charge for tuition of day-students is \$450 for the fall and spring terms and \$45 for each term course for the summer. A laboratory fee (as specified elsewhere in this catalog) and the cost of materials consumed and of apparatus broken are charged in each of the laboratories. The fee for dropping a course after two weeks is \$15. The fee for the Bachelor's degree is \$15. For Graduate Student fees, see page 30.

The College requires that bills rendered October 1 for three-fifths of the student's total cash indebtedness for the current fall and spring terms for room, board, and tuition must be paid *in full before* November 1. Those rendered February 1 for the balance of the fall and spring terms must be paid *in full before* March 1. Bills for the summer term rendered July 1 must be paid *in full before* August 1. Failure to pay within the specified period automatically cancels the student's registration.

No reduction or refund of the tuition charge will be made on account of absence, illness or dismissal during the year. If the student shall withdraw or be absent from college for any reason, there will be no reduction or refund because of failure to occupy the room assigned for that semester. In case of illness or absence for any other reasons from the college for six weeks or more, there will be a proportionate reduction for board provided that notice is given to the Bursar at the time of withdrawal. Fees cannot be refunded for any reason whatsoever.

As an associate to The Tuition Plan the college is able to extend to parents or guardians the opportunity of paying tuition and other college fees in equal monthly installments during the college year. The additional cost is small. Adoption of this plan is optional and intended solely as a convenience. Details will be furnished on request.

Additional expenses include textbooks which need not exceed \$25-\$40 a year and a \$10 activities fee which supports the college's extracurricular program. A charge of \$1.50 per term will be assessed for the use of radios.

## SCHOLARSHIPS

Scholarships are of two kinds, competitive, and those awarded upon merit and individual need. No one scholarship is given for more than one year.

No scholarship will be given to a student who has a failure standing against him at the time of application.

No scholarship will be given to a student whose college bill has not been paid in full.

All preliminary correspondence and applications for undergraduate scholarships for 1945-1946, together with supporting letters from parents or guardians should be in the hands of the Vice-President before Tuesday, April the 3rd, 1945.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources. In the majority of cases the College expects work from scholarship students in an amount in proportion to the value of each scholarship.

I. *Corporation Scholarships*.—Sixteen scholarships are awarded at the end of each term, without formal application, to the four students in each class having the highest average grades for the term then closing. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the entrance examinations (see page 22) to those candidates entering by any plan of admission who are judged to be best prepared to do the work of the College. Corporation scholarships are in amount of \$100.00 for the summer term and \$150.00 for the fall and spring terms, respectively.

II. *Isaiah V. Williamson Scholarships*.—Three scholarships normally of \$250 each, usually awarded to members of the Senior and Junior classes.

III. *Richard T. Jones Scholarship*.—One scholarship normally of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship normally of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship normally of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship normally of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship normally of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships normally of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship normally of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships* normally amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships normally of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is usually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This scholarship of \$200 is awarded on application, preferably to a member of the Freshman Class, who in the opinion of a committee representing the donors and the President of the College shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—Intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse, of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work, a leader in clean and joyous living."

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarships*.—Two or

more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship normally of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

XIX. *Isaac Sharpless Scholarship Fund*.—Founded in 1941. Scholarships open to graduates of secondary schools and undergraduates of Haverford College. Awards based upon fulfilment by applicant of requirements used in selection of Rhodes Scholars to the University of Oxford. Awards granted from list submitted to Selection Committee by the Director of Admissions, subject always to final approval by the President of the College; amount variable.

XX. *Class of 1917 Scholarship*.—One scholarship of the annual value of about \$150. Preference is to be given to sons of members of the Class of 1917 who may apply and who meet the usual requirements of the College.

XXI. *The Geoffrey Silver Memorial Scholarship*.—A scholarship in the sum of \$500 will be available to a Public School graduate in this general area who may enter Haverford.

XXII. *Daniel B. Smith Fund for Scholarships*.—Founded October 6, 1943, by gift of \$2500 from Anna Wharton Wood of Waltham, Massachusetts. This will be increased by a bequest of \$2500 made by Miss Esther Morton Smith of Germantown, Philadelphia, who died March 18, 1942.

"The income is to be used, in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course." Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply.

XXIII. *Sarah Tatum Hilles Memorial Scholarship Fund*.—Founded November 1, 1943, by bequest of \$75,534.58 from Joseph T. Hilles, 1888, in memory of his mother, Sarah Tatum Hilles, "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; to be awarded by the Managers upon "needy and deserving students, and to be known as 'Sarah Tatum Hilles Memorial Scholarships.' "

XXIV. *Elihu Grant Memorial Scholarship Fund.* — Established February 2, 1944, by Mrs. Elihu Grant "to commemorate the service to Haverford College of Dr Elihu Grant, from 1917 to 1938 a member of the College Faculty. The income from this fund is applied to scholarship assistance to students in Humanistic studies, primarily those specializing in the study of Biblical Literature and Oriental Subjects." In special circumstances the income may be utilized to assist those working for a postgraduate degree at Haverford College.

Most of the scholarships listed above are permanent foundations. In addition, the alumni in various districts support regional scholarships.

### FELLOWSHIPS

*The Clementine Cope Fellowship*, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

*Teaching Fellowships.* — With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

*Graduate Fellowships.* — For information regarding graduate fellowships, see page 30.

### LOAN FUND

A loan fund is available for deserving students, other than members of the Freshman Class and transfer students during their first year, who may require financial assistance during their college course. Federal emergency scholarships for accelerating students are also available.

### PLACEMENT BUREAU

The Placement Bureau is planning for active functioning when Haverfordians are again free to avail themselves of its services. During the emergency a start has been made in assembling pertinent records on recent students and in locating future employment opportunities. Part-time work is found for those who desire it while in college.

## GENERAL INFORMATION

### THE LIBRARY

The Haverford College Library building, located near the center of the campus, illustrates the steady growth of the college in facilities for study and research. The original building, constructed in 1860, now forms the north wing of the Library. To this first structure three successive additions have been made. The latest of these, a commodious Stack and a Treasure Room, was dedicated in April, 1941. The Mary Newlin Smith Memorial Garden adjoins the south side of the Library building.

The Haverford Library collection now contains about 164,000 volumes. Over four hundred literary and scientific periodicals are taken. Library endowments provide six thousand dollars yearly for the purchase of books. The Library is also a depository of government publications.

With the exception of certain rare books, all volumes in the Library are freely accessible to readers. Though designed especially for the use of officers and students of the college, the Library affords to others the privilege of consulting and, under certain restrictions, of withdrawing books. The Library is open on week days from 8:00 A.M. to 10:00 P.M., and on Sundays from 1:30 to 10:00 P.M. Special hours are arranged for vacation periods.

The Gummere-Morley Memorial Reading Room, decorated and equipped by the Class of 1892, provides a special reading and browsing room for Haverford students.

Rare books and special collections are kept in the Treasure Room, where both permanent and temporary exhibitions are held. The Treasure Room is open from 9 to 5 (Saturdays, 9 to 12).

*Special Collections.* The Quaker collection, containing both books and manuscripts, is probably the most complete in America. It forms a central repository for Friends' literature in this country, and makes Haverford a prime source for the study of the Society of Friends.

The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Rufus M. Jones collection on Mysticism contains almost a thousand books and pamphlets from the fifteenth century to the present day.

The Tobias collection of the writings of Rufus M. Jones is prac-

tically complete. It consists of 168 separate volumes and 16 boxes of pamphlets and extracts.

The Charles Roberts autograph collection contains more than 20,000 items, embracing not only autograph letters of authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history.

The Christopher Morley collection of autograph letters comprises about 200 letters and memoranda selected by Mr. Morley from his correspondence files. Over 100 authors are represented.

The Harris collection of ancient and oriental manuscripts contains over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopian rolls and codices, collected by J. Rendel Harris.

*Cooperative Services.* Haverford maintains a cooperative arrangement with Bryn Mawr and Swarthmore whereby the facilities of the libraries of all three colleges are open to the faculty and students of each of the colleges.

*The Philadelphia Bibliographical Center and Union Library Catalog*, which includes in one alphabetical file a record of all books in over one hundred and fifty libraries of the Philadelphia region, enables users of the Haverford Library to locate books in the largest cooperative catalog in America. The Haverford Library is also a member of *The Philadelphia Metropolitan Library Council*.

*The Library Associates.* The newly organized Associates of the Haverford Library is an organization of graduates and friends of the college, devoted to increasing the usefulness of the Library. It serves to bring the facilities of the Library to a wider notice, to make these available to the whole Haverford community, to encourage the making of gifts to the Library, and to aid in the use of the Library for exhibition purposes. Enquiries should be addressed to The Librarian, Haverford College.

## ART COLLECTION

The Haverford Art Collection, including paintings and drawings by Pintorrichio, Whistler, Inness, Sargent, and Turner, is displayed in the Library.

## MUSIC ROOM AND CONCERTS

The Alfred Percival Smith Rooms in the Union now provide a music center for the college. There is a room for the Music Library and Departmental office, with a larger instruction room adjoining containing the Carnegie collection and supplement of recordings. This room is used for informal concerts by the Department of Music. The phonograph and records may be used by students on Wednesday

evenings, Saturday afternoons and evenings, and Sunday afternoons and evenings.

The Department of Music offered three public concerts in the summer of 1944, and plans at least four such concerts for the academic year 1944-45. These concerts, which present both professional artists and organizations, as well as local musicians, are open to students and the Haverford community. The Department of Music is presenting a series of concerts in the Music Room this season.

### LECTURES

The Haverford Library Lectures and The Shipley Lectures, both endowed lectureships, provide annual speakers. The endowment for the former, a gift from the estate of Mary Farnum Brown, is available "for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as a way may open for it, upon its doctrine and its teaching." The fund for the latter was presented by Samuel R. Shipley, in memory of his father, Thomas Shipley. The income from the Shipley fund is used "for lectures on English literature."

Other lectures sponsored by departments in the college, especially that of government, are offered at various times throughout the year. Most of these are open to the public.

### THE MAIN LINE FORUM

In 1944 Haverford College opened its Main Line Forum. This forum, with meetings in Roberts Hall on Wednesday or Thursday evenings, is devoted to a discussion of the problems of citizenship in a democracy. The speakers are leaders actually responsible for decisions in dealing with these problems. Each meeting consists of short addresses by the speakers of the evening, followed by open discussions.

For the season of 1944-1945 the forum is centered around three series of problems. From October to December topics relate specifically to American problems; the remaining two series of discussions are devoted to European and Asiatic problems, respectively.

Meetings are open, free of charge, to students of Haverford College and nearby schools, as well as to residents of the Philadelphia suburban area, upon application for tickets to the Secretary of the Main Line Forum, Haverford College. Programs may also be obtained by application to the Secretary.

Students from the cooperating colleges, high schools and private schools of the area are chosen to hold a private seminar led by the speakers in connection with each discussion.



Haverford College is aided in its sponsorship of The Main Line Forum by the National Foundation for Education in American Citizenship.

### THE BUCKY FOUNDATION

The Bucky Foundation, which has as its goal the promotion of a spiritually grounded political and economic order, and the training of responsible citizens for such an order, maintains its office in the Haverford Union building. It has sponsored the Constructive Citizenship program, in cooperation with Bryn Mawr and Swarthmore colleges, which has provided training in the U. S. Employment Service for students of Haverford, Bryn Mawr, and Swarthmore. The foundation is now encouraging the work of Reconstruction and Relief training at Haverford.

### THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, contains ten beds, a surgical room, an isolation ward for contagious diseases, its own kitchen, and accommodations for a physician and a nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the infirmary, will be at the expense of the student. For residence in the infirmary beyond the limit of one week the charge is \$3 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard the resident nurse.

### SOCIETIES AND ORGANIZATIONS

*The Students' Association.* This organization is composed of all undergraduates in good standing at Haverford. It is the body for student self-government at Haverford. On its Council are representatives of the four classes and of publications.

*Phi Beta Kappa.* The Haverford Chapter of the Phi Beta Kappa Society is Zeta of Pennsylvania, chartered in 1898. Elections at Haverford are held for students at the end of the junior year and at the end of the senior year.

*Founders Club.* This Haverford honorary society, established in 1914 as an organization of students, alumni, and faculty, seeks to recognize by election to its membership those undergraduates who

combine a sound academic record with noteworthy participation in extra-curricular activities. Elections are usually made from the junior and senior classes, except in unusual cases where sophomores are chosen.

*Cap and Bells Club.* The Haverford dramatic organization, composed of graduates and undergraduates, sponsors dramatic productions. The Club has collaborated with those of Bryn Mawr and Swarthmore in putting on plays and musical productions.

*Nautical Club.* The Club provides intercollegiate racing and general sailing for members who have had some experience and those who desire to learn to sail. It keeps four dinghies on the Delaware river. Intercollegiate meets are held each semester and teams have gone to Annapolis, Boston, and the Coast Guard Academy in New London.

*Radio Club.* A campus broadcasting station is operated as Station WHAV. Programs are presented throughout the year.

*Campus Club.* A group of alumni and friends of the college who are interested in preserving and improving the natural beauty of the campus is organized as The Campus Club. The planning is done by an executive committee which meets biannually for the purpose of laying out new projects. The Arboretum and Woolman Walk were developed and are maintained by The Campus Club.

*Other Organizations.* The following groups are also active at Haverford: Glee Club, Varsity Club, Debate Council, Biology Club, Chemistry Club, Classical Symposium, Engineering Club, International Relations Club, Mathematics-Physics Club.

## PUBLICATIONS

*Official Publications.* The college publishes annually the Haverford College Catalog, the President's Report, the Treasurer's Report, the Report of the Librarian and publications of the faculty, and the College Directory.

*The Haverford Review*, published two to three times annually, is an illustrated alumni magazine, devoted to the interests of the entire Haverford community. It provides a forum for the discussion of the problems and functions of the small liberal arts college in America. Annual subscription \$1. Enquiries should be addressed to The Managing Editor, The Haverford Review, Haverford College.

*The Haverford News*, a student publication, appears weekly during the college year. Each issue contains a section of Alumni news. *The Record*, senior yearbook, is distributed immediately before commencement.

## SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large number of Haverford College students desire on graduation to enter upon courses of study fitting them for professions. For students desiring preparation for the professional schools in engineering, medicine, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools in the country with full standing, and in many cases with advanced credit.

To illustrate this feature of the curriculum there are presented on the following pages sample outlines of study for the four years, preparatory to specialization in Engineering, Medicine, Law, and Business Administration. Similar outlines might be prepared for other professions—Teaching, the Ministry, Journalism, Industrial Chemistry, etc. The student will in all cases consult with the Dean and the professors concerned in his choice of courses.

Each of the outlines following is of course a sample only, presenting one among many possibilities, and is not intended to be a prescribed program.

**PREPARATION FOR ENGINEERING.**—Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career. A typical four-year course in general engineering follows:

### FRESHMAN YEAR

Principles of Engineering Drawing and Shop Methods  
Engineering Orientation and Surveying  
Inorganic Chemistry and Qualitative Analysis  
Mathematics  
English Composition and Literature  
Foreign Language

### SOPHOMORE YEAR

Kinematics of Machines  
Analytical Mechanics  
General Physics  
Calculus  
Elementary Economics  
American History

### JUNIOR YEAR

Elements of Applied Electricity  
Alternating Currents  
Thermodynamics  
Fluid Mechanics  
Materials of Engineering  
Advanced Calculus and Differential Equations  
Government and Business  
Introduction to Sociology  
Industry and Society  
Seminar in Engineering

### SENIOR YEAR

Heat Engineering  
Strength of Materials  
Machine Design  
Special Project in Engineering  
Internal Combustion Engines  
Accounting (or Statistics)  
English Elective  
The Corporation  
Labor Policies and Business  
Management  
Seminar in Engineering

PREPARATION FOR MEDICINE. — In consequence of the relatively large number of students preparing for a career in medicine the pre-medical course has become a distinctive feature of the work of the College. The course is under the direction of the Premedical Committee of the Faculty, the members of which stand ready to advise students on matters of premedical interest. The program of studies includes, in addition to the course in Freshman English and the *limited electives* required for graduation, the courses in the pre-medical sciences, biology, chemistry, and physics, which meet the requirements for admission to medical school and of the State and National licensing boards. Apart from these requirements a sufficient number of *electives* remain available to enable the student to obtain a well balanced education.

A premedical student will ordinarily major in a science subject but his choice is not restricted, since he can complete the requirements of almost any Major and at the same time meet the medical school requirements for admission. However, he must do better than average work in the premedical sciences in order to qualify for a favorable recommendation by the Premedical Committee. A special Premedical Major is in process of formation.

In the typical premedical program given below, the courses required or specifically advised by most medical schools are starred. The *electives* must be so chosen as to satisfy the college requirements with regard to *limited electives* and concentration in a Major field of study and also to meet any special requirements of the medical school to which application is to be made. In general, in order to avoid conflicts between necessary courses and to avoid overloading with laboratory work in the Junior and Senior years, the science courses should be taken in the order and in the years indicated.

## FIRST YEAR

English Composition and Literature\*  
Inorganic Chemistry\*  
General Zoology\*  
Elementary German (or French) \*  
Freshman Mathematics

## SECOND YEAR

English Literature\*  
Qualitative and Quantitative Analysis\*  
General Physics\*  
Intermediate German (or French) \*  
Elective

## JUNIOR YEAR

Organic Chemistry\*  
Vertebrate Morphology\*  
Psychology ( one term) \*  
Sociology (one term) \*  
Electives

## SENIOR YEAR

Physical Chemistry\*  
Advanced Biology  
Advanced Organic Chemistry\*  
Electives

**PREPARATION FOR THE LAW.**—Even those law schools which require that a person must hold a college degree to be eligible for admission do not usually specify what studies he shall have pursued in his undergraduate course. It is obvious, however, that a choice of electives may be made which will be of great value to the student later in the study of law and in the practice of his profession. It is recommended that the following courses be included in a student's program. In the case of those advanced courses which are given only in alternate years some variation in this program may be necessary.

**FRESHMAN YEAR**

English Composition and Literature  
Foreign Language, preferably Latin  
A Modern Foreign Language  
Mathematics  
American Federal Government

**JUNIOR YEAR**

Elementary Psychology  
English Constitutional History  
Roman Law  
Government and Business  
Constitutional Law  
Accounting

**SOPHOMORE YEAR**

American History  
Elementary Economics  
Contemporary Legislation  
English, Mediaeval, or Modern European History  
State and Local Government

**SENIOR YEAR**

American History  
English Literature  
English, Mediaeval, or Modern European History  
The Corporation  
Government Finance  
Development of Political Thought

**PREPARATION FOR BUSINESS ADMINISTRATION.**—Students planning to continue study at a graduate school of business administration or to engage directly in business might arrange their programs for their Freshman and Sophomore years as above suggested for those planning to study law, but for their Junior and Senior years the following courses are recommended.

**JUNIOR YEAR**

Industry and Society  
Labor Organization and Business Management  
Money and Banking  
Accounting  
Introduction to Statistics  
The Corporation

**SENIOR YEAR**

Ethics  
National Income and Investment  
International Trade and Finance  
Government and Business

Students expecting to enter manufacturing industries in any capacity are encouraged to take courses in Chemistry, Engineering, or Physics in order to become acquainted with the general nature of the processes and techniques involved in modern manufacturing.

PREPARATION FOR PUBLIC ADMINISTRATION.—Students who are interested in entering the government service for work in Public Administration should have courses in Elementary Economics, American History and Government, National Income and Investment, Political Theory, Government Finance, Accounting, Statistics, Public Administration, Constitutional Law, and Government and Business.

Each year the United States Government holds an examination for filling vacancies in the field of Public Administration, which is covered by these courses given by the College.



## COURSES OF INSTRUCTION

The normal course at Haverford College, except in modern languages, is three hours per week. The laboratory equivalent for a lecture hour is customarily two and one half hours. Variations in this general rule are noted in the listing of the particular course. Some of the courses listed are not offered during the current year.

### ART

GIVEN BY THE HISTORY OF ART DEPARTMENT  
AT BRYN MAWR COLLEGE

The instruction in Art has a twofold objective. On the one hand, the students' appreciation is furthered by close aesthetic analysis of works of art. On the other hand, the history of art is treated as a branch of the humanistic studies and attention is given to the development of Art in itself as well as to its contacts with other human interests.

At Haverford the Carnegie set of reproductions and at Bryn Mawr a large collection of photographs are available as additional illustrative material.

All lectures are illustrated by lantern slides.

#### Major Requirements

The undergraduate instruction offered in this department includes three units of undergraduate first and second year work and two and one-half units of advanced undergraduate and free elective courses. Students majoring in the history of art will be required to concentrate in either the field of Mediæval Art, Renaissance Art or Modern Art. For details of the comprehensive examination see the Bryn Mawr College Calendar.

Special work is offered to students recommended by the department for honors in history of art, in either Mediæval Art, Renaissance Art or Modern Art. It involves a scheme of reading and individual conferences and includes the preparation of reports and special examinations.

**101. An Introduction to the History of Art** — MR. TSELOS, assisted by Miss WADE.

This course is designed to give the student an understanding of art in its philosophic, technical, social and historical aspects, thereby laying a basis for more advanced work in the department. The discussion of general problems will be followed by an analysis of the different periods of art, of the interests that prevailed during them, and of the formal expression given to such interests. At certain points in the course the lectures will be given by guest lecturers from other departments.

**201. Italian Art** — Miss JENKINS.

The development of the major arts in Italy is traced from the beginnings of the Renaissance in the thirteenth century to the Rococo style of the eighteenth. Architecture and sculpture are considered independently as well as in relation to the stylistic evolution of painting.

**202. History of European Painting after 1550 — MISS JENKINS.**

The evolution of painting outside Italy from the middle of the sixteenth century to the French Revolution is traced in the first semester, followed in the second by a consideration of the art movements of the nineteenth and twentieth centuries.

**203. Romanesque and Gothic Art and Architecture — MR. TSELOS, MISS JENKINS.**

An understanding of Christian mediæval art is sought through its roots in religion, philosophy and social conditions. Emphasis is laid on the great cathedrals, studied in their liturgical, iconographic and artistic aspects; while the general development of the Romanesque and Gothic styles is traced from the eleventh to the fifteenth century.

**204b. Chinese Art.**

From the earliest dynasties to modern times.

**301c. The Art of the Northern Renaissance.**

The course covers the development of representative art in the Netherlands, France, Germany, Spain and England from the later fourteenth century to the later sixteenth. Special emphasis is laid upon the International Style, the reawakening of a sense of nature in Flemish painting, and upon the art of Dürer and his contemporaries. The technique and development of the graphic arts are also explained.

**302b. Post-Renaissance and Modern Architecture in Europe and America — MISS JENKINS.**

A discussion of the varying forms taken by the Renaissance style in combination with the different national building traditions of Europe and the rise of eclecticism in the eighteenth and nineteenth centuries will be followed by an analysis of the advance of structural technique with the machine age and the attempt to formulate an architecture suited to the modern world.

**303a. Early Mediæval Art — MR. TSELOS.**

The formation of Christian art from the pagan traditions of the antique world, and its subsequent development in the eastern Mediterranean and the Latin West will be traced to the beginning of the Romanesque era in the eleventh century. The arts discussed will include architecture, sculpture, painting, mosaic, illumination and ivory carving.

## ASTRONOMY

The William J. Strawbridge Memorial Observatory enables students to become familiar with a variety of astronomical instruments, and to acquire from actual observation a practical acquaintance with astronomy.

The equipment consists of three equatorially mounted telescopes, a 10-inch and a 4½-inch refractor and a 6-inch reflector; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectroheliograph; an astrographic mounting provided with two 4-inch Ross lenses and a 4-inch guiding telescope; two sidereal clocks; a chronograph by Bond, and other instruments. The astronomical library is housed in the Observatory.

**Major Requirements**

Either Astronomy 1a and 2b and four one term courses to be chosen from Astronomy 5a, 6b; 7a, 8b; 9a, 10b. Three courses to be chosen from Mathematics 2, 3 and Physics 2, 3.



A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

**1a. Descriptive Astronomy — MR. GREEN.**

A general course open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems. No fee.

**2b. Celestial Navigation — MR. GREEN and MR. MACINTOSH.**

The determination of position and course at sea and in the air by trigonometric, graphical, and tabular methods. Mathematical aspects of piloting, such as the problems of interception and of return to a moving base, will be emphasized. Sextant observations will be taken and reduced. Prerequisite, *Plane Trigonometry*. A fee of \$7.00 per semester is charged.

**5a, 6b. Observational Astronomy — MR. GREEN.**

The subject matter will be chosen to meet the needs of the students. A fee of \$7.50 per semester is charged.

**7a, 8b. Celestial Mechanics and Orbit Determination — MR. GREEN.**

An introduction to mathematical astronomy. Prerequisite, *Mathematics 3*, or in conjunction with *Mathematics 3*. No fee.

**9a, 10b. Astrophysics — MR. GREEN.**

A study of the state of matter in interstellar space, in the atmospheres of the stars and in their interiors. Prerequisites, *Physics 2* and *Mathematics 2*. No fee.

## BIBLICAL LITERATURE

The courses in this department are designed to cover broadly the history, literature and religion of the Bible with their backgrounds in the culture in which they developed and to which they contributed. Additional courses are offered in the ancient history of the Near East, the Hebrew language, and comparative religion. Sufficient scope is thus provided to meet the varied interests of students electing courses in the department and to offer either introductory or advanced work.

A gift enabled the late Professor Grant to make a series of five field excavations at a site in Palestine, the archaeological yields of which are exhibited in the Beth Shemesh Museum, third floor of Sharpless Hall. These materials reveal the life of a typical Near East community in the many aspects of its development and interplay with other peoples over a span of 2000 years. Thus, the collections provide a laboratory for study of the cultural cross-currents which met in Palestine during one of the great formative periods of civilization.

### Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible; and the religious and moral life of the Hebrews, Jews, and Christians.

**1a. Introduction to the Old and New Testaments.**

The literature of the Bible with its historical background.

**2b. The Rise of Christianity — MR. FLIGHT.**

A study of the background, early development and spread of the Christian movement, up to the third century, as reflected in the New Testament, particularly in the book of Acts and the letters of Paul, and in the writings of the Church Fathers.

**4b. Development of Christian Thought within the Bible — MR. FLIGHT.**

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

**5a. Ancient History of the Near East — MR. FLIGHT.**

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

(Also called History 8a.)

**6b. Comparative Religion — MR. FLIGHT.**

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

**8b. The English Bible — MR. FLIGHT.**

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

(Also called English 8b.)

**9a or 10b. Biblical and Oriental Conference — MR. FLIGHT.**

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, other work in the department, in which a grade of B has been attained.

**11. Hebrew — MR. FLIGHT.**

Grammar, composition, and reading of simple Old Testament prose.

## BIOLOGY

The Department of Biology offers courses for students who wish to enter medical school; for students who wish to engage in graduate work, teaching, or conservation; and for students who wish a general knowledge of plants and animals.

Most medical schools require General Zoology for admission. Vertebrate Morphology is required by some and advised by others. General Botany is required by a few. Most graduate schools require, as a prerequisite for work in Biology, a reading knowledge of French and German, Chemistry 1 or 2 and 4, Physics 1 or 2 (or Geology 1, depending on the student's field of interest), and at least Biology 1 and 2. For advanced experimental Biology, Chemistry 4 may be necessary.

A gift from the class of 1915 enables the department to house and display the extensive collections of the college so that they are available to anyone interested in the natural history of the Philadelphia area.

**Major Requirements**

Biology 1, 2a, 7, 8b and one of 3, 4, and 5.

Two courses chosen from Physics 1, 1-2, or 2, Chemistry 1 or 2, Math. 13a, and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required to be passed. This examination will be partly written (approximately 4 hours), and partly oral.

**1. General Zoology — Four hours. MR. DUNN, MR. HENRY and MR. EVANS.**

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week. A fee of \$8.00 per semester is charged.

**2a. General Botany — Four hours. MR. HENRY.**

The fundamental principles of Botany and the application of plant science to human welfare are discussed in the lectures. The laboratory work consists of a study of the morphology, physiology, and life history of representatives of the principal groups of plants. This is a brief course designed to fit the needs of the student not majoring in science. A fee of \$8.00 per semester is charged.

**3. Vertebrate Morphology — Three hours. MR. DUNN, MR. HENRY, MR. EVANS.**

The laboratory work of this course includes the dissection of the principal types of vertebrates. The lectures deal with the origin, status, and evolution of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

**4. Local Flora — MR. HENRY.**

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2a* and *8b*. A fee of \$7.50 per semester is charged.

**5. Entomology — MR. HENRY.**

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification, and permanent mounts are made of many of them. The preparation of local collections is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*. A fee of \$7.50 per semester is charged.

**7. Evolution, Heredity, and Other General Biological Problems — MR. DUNN.**

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on recent developments in the field of biology, especially for students of Sociology, Philosophy and History. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors. No fee.

**8b. Systematic Botany — MR. HENRY.**

This course, a continuation of *Biology 2a*, consists of a systematic study of the major plant groups. Prerequisite, *Biology 2a*. A fee of \$7.50 is charged.

**10. Seminar Courses — Required of candidates for Honors in Biology.**

Open only by permission of the Instructor.

Vertebrate Zoology — Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*, *Biology 3* or with *Biology 3*. MR. DUNN.

Advanced Morphology — Study of morphological problems in animals. Prerequisite, *Biology 3*. MR. DUNN.

Ecology and Distribution — Problems of habitat relationships or geographical relationship of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2a* and *8b*. MR. DUNN, MR. HENRY, and MR. EVANS.

Genetics — Problems of Genetics. Primarily for Graduate Students. MR. DUNN.

Advanced Botany — Studies in comparative anatomy of plants. Prerequisite, *Biology 2a, 4, 8b*. MR. HENRY. No fixed fee.

## CHEMISTRY

The courses required for the Chemistry Major are designed to give the student a comprehensive knowledge of the fundamentals of chemistry which will qualify him for entrance to medical school or for non-professional chemical work. A student who plans to enter medical school should take, regardless of the department in which he majors, Chemistry 1 (or its equivalent), 2, 3, 4, and 5.

Haverford College has been placed by the American Chemical Society on the approved list of institutions for the training of professional chemists. For a departmental recommendation for graduate work in chemistry, or a position as professional chemist, a student must complete the following courses in chemistry and other subjects: Chemistry 1 (or its equivalent), 2, 3, 4, 5, 11a or 12b, 13a, 14b, 15a, and an additional half-year course in chemistry; Mathematics 2; Physics 2; German 2.

### Major Requirements

Chemistry 1 (or its equivalent), 2, 3, 4, 5 and an additional half-year course in chemistry, and to courses in related departments. The major examination will cover the chemistry courses listed above.

Seniors majoring in the department will meet during the second half-year with members of the staff for a critical discussion of the chemical principles studied in the courses and of the applications of these principles.

Candidates for final honors in chemistry are required to take during the Junior and Senior years at least four of the short courses offered by the Department such as: Chemical German reading, history of chemistry, glassblowing, chemical industry, physiological chemistry, the chemistry of the rarer metals, and special topics in inorganic chemistry.

### 1. Introductory General Chemistry — Four hours. MR. CADBURY.

Primarily for Freshmen and Sophomores who have not had chemistry in preparatory school. Additional reading required of Juniors and Seniors.

Lectures and laboratory work dealing with the preparation, properties, and uses of the more common elements and their compounds; fundamental laws and theories; and the general principles of chemistry applied to industrial processes. A fee of \$5.00 per semester is charged.

### 2. Theoretical Inorganic Chemistry and Qualitative Analysis — Four hours. MR. MELDRUM and MR. COFFIN.

Primarily for Freshmen and Sophomores who have had chemistry in preparatory school or who have passed Chemistry 1. Fundamental laws and theories. Reaction velocity and equilibrium. Theories of ionization and atomic structure

applied to explain solution and electrolytic phenomena and the mechanism of chemical reactions. Qualitative analysis using semimicro methods constitutes the laboratory work. A fee of \$6.00 per semester is charged.

**3. Quantitative Analysis** — Four hours. MR. MELDRUM.

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods of analysis. In the laboratory, typical methods are applied. Prerequisite, *Chemistry 2* and *Mathematics 1*. A fee of \$6.00 per semester is charged.

**4. Organic Chemistry** — Four hours. MR. MELDRUM.

A study of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, *Chemistry 2*. A fee of \$6.00 per semester is charged.

**5. Physical Chemistry** — Four hours. MR. CADBURY.

A systematic study of the principles of physical chemistry, including the ideal gas, real gases, liquids, solids, solutions, electrical conductivity, electromotive force, hydrogen ion concentration, reaction velocity, homogeneous and heterogeneous equilibria, adsorption, catalysis and colloids. Prerequisite, *Chemistry 3*. A fee of \$6.00 per semester is charged.

**11a. Chemical Thermodynamics** — MR. CADBURY.

A detailed study of the first and second laws of thermodynamics and their consequences; the application of these laws to chemical systems. The development and use of the third law. Prerequisite, *Chemistry 2*, *Mathematics 2* and either *Chemistry 5* or *Physics 2*. No fee.

**12b. Advanced Physical Chemistry** — MR. CADBURY.

Dipole moments, the parachor and spectra. Modern theories of solutions. Reaction kinetics. Photochemistry. Prerequisite, *Chemistry 5*, and *Mathematics 2*. No fee.

**13a. Advanced Organic Chemistry and Qualitative Organic Analysis** — MR. JONES.

A study of stereochemistry, carbohydrates, proteins, amino acids, and special reactions. The identification of organic substances by classification reactions and by the preparation of derivatives constitutes the laboratory work. Prerequisite, *Chemistry 4*. A fee of \$6.00 per semester is charged.

**14b. Organic Syntheses** — MR. JONES.

A study of organo-metallic compounds, rearrangements, unsaturated systems, and special preparative reactions of organic chemistry. Prerequisite, *Chemistry 4*. A fee of \$7.50 per semester is charged.

**15a. Advanced Quantitative Analysis** — MR. MELDRUM.

A systematic study of methods for the quantitative determination of the elements. The laboratory work includes the Carius method for halogen, the determination of carbon and hydrogen by combustion, the analysis of fuel gas, and electrolytic analysis. Prerequisite, *Chemistry 3*. A fee of \$6.00 per semester is charged.

**17a, 18b. Chemistry Research** — MR. MELDRUM, MR. CADBURY, and MR. JONES.

Open only to Senior chemistry majors and graduate students in chemistry. May be elected as one or more courses. No fixed fee.

**21a, 22b. Special Topics in Theoretical Chemistry** — MR. MELDRUM.

Open only to graduate students. No fee.

*Chemistry 1b, 4b, and 17a* were given in the summer of 1944.

## ECONOMICS

The instruction in Economics is intended primarily to give students an understanding of the working of modern economic society. The advanced courses are designed to give a liberal education and to arouse an informed interest in public affairs, as well as to meet the needs of men going into business or finance, or going on to graduate work in economics or business administration. Several of the advanced courses are designed to be of special value to men planning to enter the foreign service or other fields of government work, or going into journalism or law. A number of the courses acquaint the student with significant source material, and with research methods in economics, and give practice in the preparation of analyses and reports.

Men majoring in Economics should take supporting work in the fields of Government, History, and Sociology, and are encouraged to take Introduction to Statistics, offered by the Department of Mathematics. Mathematics 1 is a prerequisite to Statistics.

*Economics 1* is elective for Sophomores and is a prerequisite to all other courses in Economics. It may be taken by Freshmen on the recommendation of the Dean, and by Juniors and Seniors with the permission of the professor in charge.

### Major Requirements

Economics 1, 3a, 9a, 13a, and three other half-year courses in Economics. Mathematics 13b (Introduction to Statistics) may be considered as one such half-year course.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the major courses and the readings. A part of the comprehensive examination may be oral.

### 1. Elementary Economics — MR. TEAF.

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present day problems.

### 3a. Money and Banking — MR. FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, and central banking and the Federal Reserve System are considered.

### 4b. International Trade and Finance — MR. FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness.

**5a. Industry and Society — MR. WATSON.**

See Sociology 5a.

**6b. Labor Policies and Business Management — MR. WATSON.**

See Sociology 6b.

**8b. Government Finance — MR. HERNDON.**

See Government 8b.

**9a. Accounting — MR. TEAF.**

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

**10b. The Corporation — MR. TEAF.**

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 9a*.

**11a. Government and Business — MR. TEAF.**

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations.

Also called Government 11a.

**13a. National Income and Investment — MR. FETTER.**

A study of the meaning of national income and the methods of measuring it; its distribution in the United States; the economic effects of the allocation of national income as between consumption, investment, and hoarding; the significance of investment in the modern economy; the effects of governmental policy upon income distribution.

Enrollment limited. A seminar course intended primarily for economics majors, but also open to qualified students from other departments.

**14b. Seminar in Economic Problems — MR. FETTER.**

This seminar will deal with an economic problem of current importance, with emphasis on the relation between economic analysis and the formulation of public policy.

The subject of the course may shift from year to year, or the same topic may be continued for several years, depending on developments in world economic affairs. In case of a shift in the subject matter of the course, it may be repeated for credit.

**15a, 16b. Seminar — MR. FETTER and MR. TEAF.**

Readings, reports, and conferences on selected topics, to meet the individual needs of graduate students. Advanced undergraduate students may enroll for this course after specific arrangement with the chairman of the department.

**Economics 17a. Readings in Foreign Economics — MR. FETTER.**

This course is to train men in the reading of economic literature in foreign languages, and to familiarize them with current economic publications and with the principal economic journals and sources of commercial and statistical information appearing in foreign languages. Intended primarily for economics majors, but qualified men in other fields will be admitted.

The course will be given as demand warrants, with reading in French, German, or Spanish to meet the needs of individual students. Men admitted to the course ordinarily must have the equivalent of two years of college study in the language to be covered, but by special permission a man with only one year may be admitted.

## ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries.

Students not intending to enter the highly specialized fields of design and research will find the Haverford courses ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges. Those who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The engineering courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing classrooms, drawing rooms, a departmental library, mechanical, electrical, and electronics laboratories.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

A typical selection of courses for those majoring in engineering is outlined on page 51.

The specific courses offered by the department are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in charge. Engineering 13a, 14b and 23a, 24b may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

### Major Requirements

Engineering 1a, 2b, 7a, 8b, 13a, 14b, 15a, 16b.

Chemistry 1 or its equivalent, Mathematics 2, Physics 2 and two additional half-year courses from Engineering, Mathematics, Physics or Chemistry.

An active interest in current professional work.

Engineering seminar and comprehensive examination.

**1a. Principles of Engineering Drawing and Shop Methods** — MR. HETZEL, MR. HOLMES and MR. RANTZ.

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking, and blue printing. Text: French, *Engineering Drawing*, and



French and McCully, *Engineering Drawing Sheets*. Woodworking, pattern and foundry work in shop. Inspection trips. A fee of \$11.00 per semester is charged.

**2b. Engineering Drawing, Orientation, Surveying and Shop Methods — MR. HOLMES, MR. HETZEL and MR. RANTZ.**

Additional work on detail and assembly drawings for a complete machine. Exercises in machine-tool work, in plane surveying and in the mechanical laboratory. Lectures will be arranged by outside specialists in the various branches of engineering for orientation purposes. Attendance at these lectures will be required. Discussions and reports. Inspection trips. A fee of \$11.00 per semester is charged.

**5a. Shop Methods — MR. RANTZ.**

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Reference reading and reports on modern production methods, costs and time studies. A fee of \$12.50 per semester is charged.

**7a. Kinematics of Machines — MR. HETZEL.**

Velocity and acceleration analysis of mechanisms; cams, belts and chains, gears, etc. Occasional inspection trips. Text: Keown and Faires, *Mechanism*, and Headley, *Problems in Kinematics*. A fee of \$5.00 per semester is charged.

**8b. Analytical Mechanics — MR. HETZEL.**

A study of forces and moments of forces; determination of forces in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Prerequisite or parallel course, *Mathematics 2*. No fee.

**10b. Materials of Engineering — MR. HOLMES.**

A study of the production and engineering properties of metals, their alloys and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals, hardness testing, etc. Text: Mills, *Materials of Construction*. Inspection trips. A fee of \$7.50 per semester is charged.

**11a. Fluid Mechanics — MR. HOLMES.**

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. A fee of \$5.00 per semester is charged.

**12b. Thermodynamics — MR. HOLMES.**

Energy, gas laws, vapors, mixtures of gases and vapors, flow of fluids, theoretical and actual thermodynamic cycles for power and refrigeration. No fee.

**13a. Elements of Applied Electricity.**

This course, while fundamental to the more advanced electrical courses, is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, d.c. and a.c. generators and motors, lamps, heaters, etc. The instruction is carried on by textbook and laboratory work. Text: Cook, *Elements of Electrical Engineering*. A fee of \$7.50 per semester is charged.

**14b. Alternating Current Theory and Practice.**

A continuation of course 13a, with a more detailed study of alternating currents including power, electronics and communication apparatus. A fee of \$7.50 per semester is charged.

**15a. Heat Engineering** — Four hours. MR. HOLMES.

This course includes a study of steam and gas engines, turbines, condensers, air-compressors, steam boilers, power-plant economics, and cost of power. Text: Severns and Degler, *Steam, Air and Gas Power*.

One laboratory period a week is required. The laboratory exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analysis, calibration of instruments, etc. Comprehensive reports for each test are required. Inspection trip. A fee of \$7.50 per semester is charged.

**16b. Strength of Materials** — MR. HOLMES.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*. Inspection trips. Prerequisite, *Engineering 8b*. A fee of \$7.50 per semester is charged.

**17a. Electronics** — MR. BENHAM.

Lectures, problems, and laboratory work covering fundamental principles, vacuum and gas tubes, photo-electric devices, etc. See *Physics 15a*.

**18b. Internal Combustion Engines** — MR. HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. No fixed fee.

**21a, 22b. Mechanical Laboratory** — MR. HOLMES and MR. HETZEL.

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work per week with reports on each test. If taken as 21a, the course may be continued through the second half-year by arrangement. Prerequisite, *Engineering 15a*. Assigned reading and comprehensive reports. A fee of \$7.50 per semester is charged.

**23a. Electrical Circuits and Measurements.**

Circuit theory and laboratory work covering magnetic, inductive, capacitive and polyphase circuits; transients, non-sinusoidal voltages and currents. Text: Weinbach, *Alternating Current Circuits*. A fee of \$7.50 per semester is charged.

**24b. Electrical Theory and Experimentation.**

Special topics in electronics, communications and power. This course will be suited to the needs of a limited number of students electing it. Prerequisite, *Engineering 14b* or *17a*.

**25a, 26b. Special Projects in Engineering.**

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading or experimental work and reports on some particular topic. No fixed fee.

**27a, 28b. Machine Design.**

A study of the design of machine elements followed by a comprehensive design project in which a complete machine will be designed and detail working drawings made. Open to Senior engineering majors. Text: Faires, *Design of Machine Elements*. No fixed fee.

## ENGLISH LANGUAGE AND LITERATURE

The department believes it essential to insure that all undergraduates should be able to use the English language efficiently in their college courses, regardless of the nature of those courses. Freshmen, therefore, are required to prove their ability in this respect.

It believes further that the departmental curriculum must provide a general cultural background for those students whose interests are chiefly scientific or technical. It offers, therefore, intermediate courses in English and American literature.

It believes, finally, that courses must be provided for students who intend to do graduate work in literature or related fields. It offers, therefore, advanced courses designed both in content and method to train students with serious special interests.

The department recognizes that these intentions cannot be rigidly differentiated, and there is no intention that they should be. Considerable freedom of selection is possible for the individual student after appropriate consultation.

### Major Requirements

An individual program equal to six courses of two terms each, made up principally from the advanced English courses with the approval of the Major Supervisor, and stressing the Elizabethan and nineteenth-century literature.

**1a. Methods and Techniques of College Work** — MR. GIBB and MR. SARGENT or MR. SNYDER.

**2b. Types of English Literature** — MR. SARGENT or MR. SNYDER.

An analysis of drama, poetry, fiction and expository prose.

**3a. Advanced Freshman English** — MR. GIBB. [Incorporated into English 4b, 1943-1944.]

Elective for those Freshmen who satisfy the instructor and the administration of their eligibility for advanced work. Limited to eight.

**4b. Intermediate Composition** — MR. GIBB.

A practical course in exposition and argumentation, written and oral, for Seniors, Juniors, Sophomores and Freshmen. Individual conferences to promote clear and logical presentation of difficult material. Limited to twelve. Apply in advance.

**8b. The English Bible** — MR. FLIGHT.

(See Biblical Literature 8b.)

**11b. Shakespeare** — MR. SARGENT.

Reading and study of twelve plays with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

**12a. Contemporary Drama — MR. SNYDER.**

A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

**14b. American Literature to the Civil War — MR. SNYDER.****21b. Nineteenth-Century Prose Writers.**

A reading course with conferences and occasional lectures on novelists from Austen to Hardy and essayists from Lamb to Morris.

**22b. Nineteenth-Century Poets — MR. SNYDER.**

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

**23a. Elizabethan Literature — MR. SARGENT.**

Chief writers of the English Renaissance, omitting Shakespeare. Verse, prose and drama. Prerequisite, English 11b.

**26b. Eighteenth-Century Literature — MR. SNYDER.**

The age of Johnson.

**27a. Greek Literature in English — MR. POST.**

(See Greek 27a.)

**28b. Creative Writing — MR. SARGENT.**

Practice in writing imaginative literature. Chiefly confined to prose fiction. Regular assignments, class discussion and personal conferences. Limited to twelve Juniors and Seniors.

**30b. Chaucer — MR. SARGENT.**

Some introduction to the study of Middle English, but main emphasis upon analysis of the literary qualities of *Troilus and Criseyde* and *The Canterbury Tales*.

**32b. Contemporary English and American Literature — MR. SARGENT.**

Selected twentieth-century writers, from Conrad and Crane to the present. Fiction, verse and criticism. Emphasis on development and treatment of literary problems in this period. Prerequisite, two half-courses in English beyond the Freshman year.

**34b. Public Discussion and Dramatic Presentation — MR. GIBB.**

Practice in public speaking for such purposes as debating, forum discussions, dramatic performances, and radio broadcasting.

**42b. Special Topics in Poetry — MR. SNYDER.**

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Limited to twelve. Required of all English Majors. Apply in advance.

**43a. Methods of Literary Scholarship — MR. SARGENT.**

A study of the aims, problems and methods of research in English literature by means of a survey of types of Shakespearean scholarship. Bi-weekly reports, and one piece of original investigation. Required of all English Majors. Apply in advance. Limited to twelve.

English 1a, 27a, and 32b were offered in the summer of 1944.

## GEOGRAPHY AND GEOLOGY

### 1. Geography and Geology — MR. DUNN.

A discussion of the general principles of these sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

### 2. Climate, Weather, and Terrain — MR. DUNN.

## GERMAN

German 1, 2, 3, and 9a [10b] are primarily language courses. The remaining courses are devoted primarily to the history of German literature, or to the intensive study of special periods or authors. The courses in literature are open to Juniors and Seniors, and to especially well qualified Sophomores.

Opportunity is given to students who complete German 1 or German 2 with distinction to advance rapidly into higher courses by passing a special examination on a prescribed program of collateral reading.

### Major Requirements

German 3, 5a, 6b, 9a [10b], 11a, 12b, 13a, 14b, 15a.

Supporting courses to be arranged in conference with MR. KELLY.

A comprehensive examination covering: 1. The German language; 2. History of the German language; 3. German literature; 4. German history, 1517-1914; and 5. A special period, literary movement, or author.

### 1. Elementary German\* — MR. KELLY and MR. PFUND.

Grammar, conversation, and the reading of simple texts.

### 2. Intermediate German\* — MR. KELLY and MR. PFUND.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. German is the language of the classroom. Scientific German may be chosen as collateral reading.

### 3. Advanced German — MR. PFUND.

Reading of standard works of German literature. Composition and Conversation. The collateral reading may be done in literary or scientific German. Prerequisite, *German 2* or the equivalent in school.

**5a. The Beginnings of Modern German Literature** — A study of Lessing and the early works of Goethe and Schiller. Hours to be arranged, first half-year. MR. KELLY.

Prerequisite, *German 3*.

**6b. The Classical Period of German Literature** — A study of the mature works of Goethe and Schiller. Hours to be arranged, second half-year. MR. KELLY.

Prerequisite, *German 5a*

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\* These courses meet four times per week. Three hours credit.

**7a. Advanced German — MR. KELLY.**

Reading in German literature.

**9a or 10b. Advanced Composition and Conversation — MR. PFUND.**

Prerequisite, *German 3* or the equivalent.

**11a. History of German Literature from its Origins to the Seventeenth Century — MR. PFUND.**

Lectures in German, with collateral reading in modern German translation. Discussions. Written and oral reports.

Prerequisite, *German 3*.

**12b. History of German Literature from the Seventeenth Century to the Present — MR. PFUND.**

A survey course with lectures in German. Collateral reading. Discussions. Written and oral reports.

Prerequisite, *German 3*.

**13a. German Romanticism — MR. KELLY.**

A study of the Romantic movement in Germany and its relations to similar movements in England and France.

Prerequisite, *German 3*.

**14b. The German Drama of the Nineteenth Century — MR. KELLY.****15a. Faust — MR. PFUND.**

An intensive study of Goethe's *Faust* in the original. Consideration is given to kindred works in European literature.

**17a. The Life and Works of Richard Wagner — MR. KELLY.****18b. German Lyric Poetry — MR. PFUND.****1 R & R. Elementary German — See Reconstruction and Relief.**

German 1, 2a, and 3a were offered in the summer of 1944.

## GOVERNMENT

Courses in Government are designed with three purposes: to provide an understanding of the philosophy behind and the evolution of political ideas; to study contemporary forms and processes of local, state, national, and international government; to provide training for students entering public service, journalism, or the law.

**Major Requirements**

Government 3a, 4b, 17a, and 18b.

Any four other courses of one term each in Government.

Any four other courses of one term each in any of the social sciences.

A three-hour examination in political philosophy.

A four-hour examination in other courses taken in the Department of Government.

**2b. Government and Economic Resources.**

A study of the basic geographical factors which have influenced political policies, governmental institutions, and economic adjustments.

**3a. American Federal Government — MR. HERNDON.**

A study of the origin and structure of the American Federal governmental system.

This course is intended primarily for Freshmen and Sophomores, and is a prerequisite for advanced courses in this department.

**4b. American Public Administration — MR. HERNDON.**

A study of the functioning of the American Federal governmental system, including its participation in the program of the United Nations.

**5a. Contemporary Legislation — MR. HERNDON.**

A study of the technique of legislation and an analysis of certain selected bills currently before Congress.

**8b. Government Finance — MR. HERNDON.**

A study of the general principles of public revenues, public expenditures, public indebtedness, fiscal administration, and of the principles of equity in the distribution of tax burdens. Prerequisite, *Government 3a or Economics 1*.

Also called Economics 8b.

**9a. Constitutional Law — MR. HERNDON.**

A study of the principles of constitutional interpretation and of the leading decisions of the Supreme Court. This course also includes readings in selected works on constitutional development and lectures on the essentials of jurisprudence.

**10b. State and Local Government — MR. HERNDON.**

A study of the structure and administration of state and local government, with special reference to: Pennsylvania; Montgomery, Delaware, and Philadelphia Counties; Haverford and Lower Merion Townships.

**11a. Government and Business — MR. TEAF.**

See Economics 11a.

**13a. American Foreign Policy — MR. HERNDON.**

A study of the basic foreign policies which have evolved in the experience of the United States, and the adaptations which have been found necessary in recent times.

**15a. The World's Political, Economic, and Social Problems and Their Historical Background — MR. STINNES.**

A lecture and seminar course on the more significant political, economic, and social problems growing out of the Reformation and the American and French Revolutions, and on the problems of Asia and Latin America.

**17a, 18b. The Development of Political Thought — MR. MORLEY, assisted by MESSRS. FOSS, HERNDON, POST, STEERE, and STINNES.**

See Philosophy 17a, 18b.

**19a. Planning for the Post-War World — MR. STINNES.**

A seminar course based upon study of problems arising as the aftermath of war (full employment, community planning, inter-racial relations, etc.) and international relations (world organization, spheres of influence, trade policies, economic unification of Europe, long term trends of Russian politics, and the rise of Asiatic nationalism).

**21a. Political, Economic, and Social Problems of Latin America and Their Historical Background — MR. STINNES.**

A lecture and seminar course, with special emphasis on Argentina and Brazil.

**22b. Political, Economic, and Social Problems of Europe and Their Historical Background — MR. STINNES.**

A lecture and seminar course, with special emphasis on Germany, Czechoslovakia, Austria, and Poland, and the historic forces making for unity and disunity on the Continent.

Students interested in taking certain courses offered by the Faculty in Politics of Bryn Mawr College should consult MR. HERNDON.

Government 4b was offered in the summer of 1944.

## GREEK

Instruction in Greek aims to familiarize the student with the thought and culture of ancient Greece. Greek language is important for its relations to other European languages and for its effect on modern scientific terminology, particularly in medicine.

Greek literature and thought continue to be an important force in the modern world; in connection with their study the recurring principles of behavior, statecraft, philosophy, and drama are stressed.

### Major Requirements

Greek 3, and four half-year courses from Greek 7a, 8b, 9a, 10b, 11a, 12b, 27a, and History 13a.

Three additional courses to be arranged in conference with MR. POST.

If Greek 3 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history and Greek civilization.

#### 1. Elementary Greek — MR. POST.

Thorough study of the elements of the language followed by the reading of simple Attic prose. This course should be taken in Freshman year, if possible.

#### 2. Intermediate Greek — MR. POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

#### 3a, 4b. Advanced Intermediate Greek — MR. POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

#### 7a, 8b. Advanced Greek — MR. POST.

The instructor will arrange with students electing this course for systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

#### 9a, 10b. Advanced Greek — MR. POST.

A continuation of the work done in Greek 7a, 8b.

#### 11a, 12b. Advanced Greek Prose Composition — MR. POST.

This course should be taken by all candidates for final honors in Greek.

#### 27a. Greek Literature in English — MR. POST.

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential. Also called English 27a.



## HISTORY

The study of History provides a background against which many current problems may be viewed to advantage, and it helps to develop critical standards for the evaluation of evidence. It is further important as a foundation for professional studies in fields such as public administration, journalism and the law.

### Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History, other than History 1 and 8a.

Two full-year courses or their equivalent in related departments.

Four review examinations of three hours each.

#### 1. English History — MR. LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course.

#### 2. Foundations of the United States, 1492-1865 — MR. DRAKE.

Lectures, reading, and discussion in American colonial and early national history. Elective for undergraduates who have been in residence two terms.

#### 3. National Development of the United States, 1865 to the Present — MR. DRAKE.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course. Elective for undergraduates who have been in residence two terms.

#### 4. English Constitutional History — MR. LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for undergraduates who have been in residence two terms.

#### 5. Mediaeval History — MR. LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for undergraduates who have been in residence two terms.

#### 6. Modern European History — MR. LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for undergraduates who have been in residence two terms.

#### 8b. Ancient History of the Near East — MR. FLIGHT. (Also called Biblical Literature 5a.)

Elective for undergraduates who have been in residence two terms.

#### 13a. Greek History — MR. H. COMFORT.

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required.

Elective for undergraduates who have been in residence two terms.

#### 14b. Roman History — MR. H. COMFORT.

A survey of Roman history to the time of Constantine. Frequent class reports on special topics. A knowledge of Latin is not required.

Elective for undergraduates who have been in residence two terms.

## HUMANISTIC STUDIES

**1a, 2b. MR. POST.**

This course is designed to introduce students to the life and literature of the Far East through the use of translations and to develop their mastery of a major field and of expository writing. G. Nye Steiger, *A History of the Far East*, is recommended for supplementary reading. Essays weekly or biweekly for discussion at individual meetings with the instructor. It may be taken as one or two half-courses in either half-year by a limited number of students who will be admitted only after a personal interview and only if there is still room for them when they apply to the instructor.

## LATIN

The courses in Latin supplement the intensive foundation work of the secondary school by means of more extensive reading over a wider range of literature, illustrating successive eras of culture from the third century B.C. to the sixteenth century A.D. By inculcating a fuller knowledge of the Latin language as a tool, the same courses open the door to a better command of English, Romance languages, philosophy, and history.

**Major Requirements**

Four full-year courses in Latin (not including 1, 3, 5a, and 6b).

Two such additional full-year courses in other departments as are arranged in conference between the student and the professors in charge.

A comprehensive written examination on Roman history, literature, and civilization, and the classical heritage of medieval and modern times. Candidates for honors must also take an oral examination.

**1. Elementary Latin — MR. H. COMFORT.**

Grammar, reading, composition. Prepares students for Latin 3.

**3. Cicero — MR. LOCKWOOD.**

*Orations* of Cicero and readings in other prose authors.

**5a, 6b. Vergil — MR. H. COMFORT.**

Six books of Vergil's *Aeneid* and readings in other Roman poets.

**7. Survey of Classical Roman Literature — MR. LOCKWOOD.**

Rapid reading of classical authors from Plautus to Suetonius. Emphasis will be laid on literary history and appreciation. Text: Lockwood, *A Survey of Classical Roman Literature*.

*Any of the following higher courses may be repeated, with change of content, for full credit.*

**9a, 10b. Readings in Latin Literature — MR. LOCKWOOD and MR. H. COMFORT.**

Individual work. Each student may select a field of writing which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in Latin 7 or 11.

**11. Survey of Medieval Latin Literature — MR. LOCKWOOD.**

Rapid reading of selections from the post-classical, Christian, and medieval Latin writers. Study of the phases of European civilization represented in Latin literature.

**13a, 14b. Advanced Prose Composition — MR. LOCKWOOD.**

Either 13a or 14b is required of candidates for Final Honors.

**17. Roman Law — MR. LOCKWOOD.**

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

## MATHEMATICS

Freshman mathematics is designed to provide that background of trigonometry, algebra and analytic geometry which is necessary for any serious student of the physical or social sciences and which is culturally desirable for many others.

The more advanced courses are arranged to meet the needs of two groups in addition to those majoring in mathematics:

(1) Students of Chemistry, Physics, and Engineering, who should take Mathematics 2 and in many cases Mathematics 3 and Mathematics 11a.

(2) Students, such as economists and biologists, who need statistics in their major fields and who should take Mathematics 13a and 14b.

The department major prepares for teaching in preparatory schools, for graduate study leading to college teaching, and for statistical and actuarial work.

**Major Requirements**

Mathematics 1, 2, 3, 7a, 8b, 9a, 10b, 11a, and 16b.

Prescribed parallel reading on the history and general principles of Mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required of candidates for final honors.

It is recommended that facility in reading French and German be acquired as early in the college course as possible.

**1. Freshman Mathematics — Four hours. MR. OAKLEY and MR. HOLMES.**

*First semester*—*Plane Trigonometry*, including logarithms and the solution of triangles. *Topics in College Algebra*, including complex numbers, combinations and permutations, determinants, and the elements of the theory of equations.

*Second semester*—*Analytic Geometry*. General methods in the plane with applications to conic sections and other curves. Introduction to the geometry of three dimensions.

Freshmen with superior preparation are invited to discuss with the department the possibility of their taking *Mathematics 7a, 9b*, or in rare cases *Mathematics 2*, in place of *Mathematics 1*.

**2. Calculus — MR. OAKLEY.**

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*. Specially well qualified Freshmen may elect this course with the permission of the department.

**3. Advanced Calculus and Differential Equations — MR. OAKLEY.**

Prerequisite, *Mathematics 2*.

**7a. Theory of Equations — MR. OAKLEY.**

Advanced theory of equations, determinants, matrices. Open to specially well qualified freshmen in place of mathematics 1a. Otherwise, Prerequisite, *Mathematics 1a*.

**8a. Advanced Algebra — MR. OAKLEY.**

Introduction to number theory and modern abstract algebra. Prerequisites, *Mathematics 2, 7a*.

[Offered on request to majors only.]

**9b. Plane and Solid Analytic Geometry — MR. ALLENDOERFER.**

Review of plane analytic geometry followed by solid analytic geometry. Open to freshmen with a knowledge of analytic geometry in place of *Mathematics 1b*. Otherwise, Prerequisite, *Mathematics 1b*.

**10b. Introduction to Higher Geometry — MR. ALLENDOERFER.**

Projective geometry from the synthetic and the analytic points of view. Klein's theory of general geometrics including the standard non-Euclidean cases. Prerequisites, *Mathematics 2, 9b*.

[Offered on request to majors only.]

**11a. Partial Differential Equations and Fourier Series — MR. GREEN.**

Problem course, with many applications to Chemistry, Engineering and Physics. Prerequisite, *Mathematics 3*.

**13b. Introduction to Statistics — MR. OAKLEY.**

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation, tests of significance. Lectures and laboratory. Prerequisite, *Mathematics 1*. A fee of \$5.00 per semester is charged.

**14a. Advanced Statistics, Elementary Probabilities and Finite Differences — MR. OAKLEY.**

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2* and *13b*.

**15a or 16b. Special Topics — MR. OAKLEY, MR. ALLENDOERFER, and MR. GREEN.**

The content of this course may vary from year to year to suit the needs of advanced students. May be repeated for credit.

**19a. Mechanics — MR. SUTTON.**

See Physics 9a.

Mathematics 1, 2, 13a were offered in the summer of 1944.

## MUSIC

In addition to a considerable collection of musical scores and books in the general library, the special equipment of the Music Department consists of a collection of phonograph records, scores, and books presented in 1933 by the Carnegie Corporation and amplified by

yearly accessions to double its original size (ca. 1600 records), several pianos, and a Hammond organ with a "Model E type" console.

The new Music Room is open to students, army, and faculty at certain hours. It is used for music classes and, in preparation for them, for record playing and rehearsals. A series of informal concerts will be held there on certain Sunday nights during 1944-45. Certain instruments, as well as a selected library of chamber music literature, will be made available for those desiring participation in ensemble playing.

The Haverford College Glee Club holds its concerts on the campus and outside in cooperation with the Cap and Bells. Its membership is composed of civilian and army students. Rehearsals are held on Tuesday and Thursday evenings. Joint concerts are given with other institutions, for the sake of performing works for mixed voices. Musically endowed students will find ample opportunity to study the musical masterpieces at first hand, through singing and playing.

A series of formal concerts in Roberts Hall, at which well-known soloists as well as outside choral and instrumental ensembles will be presented, will take place during the academic year 1944-45.

### Major Requirements

Three full year courses in Music and three full year (or six half year) courses in related fields such as Art 2, 4, or 6b; German 17b; English 23; Physics 12b, or other courses in Music. These courses are to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: the History of Music, showing a general knowledge of the music of the Christian era and a special knowledge of one designated period (Gothic, Baroque, Classical, Romantic, or Modern), and Musical Craftsmanship, showing aptitude in strict and free counterpoint and harmonic devices, as well as scoring for an orchestral ensemble.

#### 1. Introduction to Music History and Appreciation — MR. SWAN and MR. PEPINSKY.

Intended for those students who have a general interest in music without as yet possessing the necessary criteria in approaching it, listening to it intelligently, and appraising it. Devoted to the study of the basic forms of musical art, an analysis of the modern orchestra, and the acquisition of a historical perspective. No prerequisites.

#### 2. The main periods of Music History from the Renaissance to the Nineteenth Century.

**Music in the Nineteenth Century — MR. SWAN and MR. PEPINSKY.**

A study of the succession of styles in music (e.g., the Palestrina style, the Baroque, the Classical style of the Viennese masters, etc.). Analysis of motets, madrigals, concerti, sonatas, and symphonies. The study of the Nineteenth Century includes the Romantic symphony, chamber and piano music, the opera from Rossini to Verdi, Wagner, and the Russians, the art song from Schubert to Wolf. Prerequisite, *Music 1a* or some previous acquaintance with music.

**3. Musical Craftsmanship—MR. SWAN and MR. PEPINSKY.**

A beginners' course for those who want to be initiated into musical composition. After disposing of the rudiments of music (notation, clefs, intervals, etc.), the student is taught the principles of melodic construction, and of writing in two parts melodically. Practice in the simpler contrapuntal, harmonic and rhythmic devices. Scoring for various instruments. No prerequisites.

**4. Instrumentation (in combination with the Departments of Physics and Psychology) — MR. PEPINSKY.**

A study of the orchestral instruments from the point of view of their tone-color and tone-production, their idiosyncrasies and limitations, and the effects of combination in ensemble. An intimate study of the scores of master works will be made. A knowledge of harmony and performance on a musical instrument is prerequisite. Text: Forsythe, *Orchestration*, The Macmillan Co.

## PHILOSOPHY

The courses in philosophy are intended to help men face and examine the great issues of life, to acquaint them with the major currents of reflection upon the nature of the universe, and to assist them in finding their own way to a more ordered and intelligent relation with their world. The work aims to acquaint the students with the great classical thinkers and movements of philosophy and to put them in touch with present day philosophical and political discussions.

**Major Requirements**

Psychology 1a; Philosophy 5, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: three hours on the History of Philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

**3a. Introduction to Philosophy — MR. HEPP.**

An understanding of the nature and function of philosophy and of its relations to other fundamental human interests such as science, religion, and art is sought through a consideration of representative philosophical problems.

**5. History of Philosophy — MR. FOSS and MR. STEERE.**

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers, reports, lectures, and class discussions. *Philosophy 3a* is recommended but not required.

**7a. Ethics — MR. HEPP and MR. STEERE.**

The course will study (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures and papers.

**9a. Classics of Religious Literature — MR. STEERE.**

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers* of St. Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Theresa of Avila, *Autobiography*; Frances de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Preces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*.

**10b. Nineteenth-Century Thinkers — MR. STEERE.**

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson.

**11a. Logic — MR. HEPP.**

The principles of valid inference and their application to reasoning in every-day life and in the sciences; the syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies; introduction to the logic of scientific method and to contemporary developments in symbolic logic.

**12b. Philosophy of Science — MR. HEPP.**

This course, designed for students with a general cultural interest as well as for those specializing in some one of the sciences, aims at an understanding of the nature of scientific knowledge, the logical methods of science, and the structure of scientific systems. The course will aid students of the special sciences in appreciating the manner in which the work of their own field expresses man's scientific interest and contributes to the scientific world-view. Basic concepts such as induction, causation, probability, measurement, explanation, prediction, and verification are analyzed.

**15a. History and Philosophy of Quakerism — MR. W. W. COMFORT.**

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.

**17a, 18b. The Development of Political Thought — MR. MORLEY, assisted by**

MR. FOSS, MR. HERNDON, MR. POST, MR. STEERE, and MR. STINNES.

See Government 17a, 18b.

A seminar course based upon the writings of selected political philosophers from Plato to the present day.

**21. Philosophical Seminar — MR. STEERE, MR. FOSS and MR. HEPP.**

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for seniors majoring in philosophy and for graduates.

Philosophy 1a (Elementary Psychology) and 6b (Main Problems of Philosophy) were offered in the summer of 1944.

## PHYSICAL EDUCATION

The college equipment for outdoor athletics includes: Walton Field, for football and track and field sports, with a 440-yard oval and a 220-yard, eight-lane straightway cinder track; the Class of 1888 and Merion Fields for Association (soccer) football, both of which

are used for baseball in the spring; a skating pond; Cope Field for cricket; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922 and used also for soccer in the fall, and twelve tennis courts, five of which were presented by the Class of 1923.

The Gymnasium floor, sixty by ninety feet, is used for basketball and intramural sports. Adjoining the main floor are offices for the instructors, the administration of physical examinations, and for special student conferences. Adjoining the main hall is a large and comfortable lounging room. The basement contains dressing rooms, a number of well-ventilated lockers, shower baths, a pool, a wrestling room and storage room for athletic equipment. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required of Freshmen; Course 2, of Sophomores; Course 3, of Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. All accelerated summer students must participate in some activity. For Physical Education 1 and 2—a half course credit will be given. For Physical Education 3—a pass or failure will be shown.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

**1. Physical Education** — Three hours. MR. HADDLETON, MR. EVANS, MR. BRAMALL, and MR. MULLAN.

A course of elementary instruction in athletic games, including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the 2nd and 3rd quarters.

**2. Physical Education** — Three hours. MR. HADDLETON, MR. EVANS, MR. BRAMALL, and MR. MULLAN.

A course of advanced instruction in athletic games with emphasis on intramural sports.

**3. Physical Education** — Three hours. MR. HADDLETON, MR. EVANS, MR. BRAMALL, and MR. MULLAN.

A course almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.



## PHYSICS

The introductory courses are *Physics 1* and *2*. The first of these covers elementary Physics a little more thoroughly than a secondary school course, but the laboratory work is designed especially for those who do not expect to specialize in physics. *Physics 2* is the basic course for further work in physics, chemistry, or engineering. It covers the work required in physics for admission to many medical schools. For the present *Physics 1* also will be accepted as the required prerequisite for admission to the more advanced courses.

Students intending to specialize in physics, chemistry, or medicine should also elect *Physics 3*.

Physics 1, 2, 3 and 13 are offered annually. Other courses are offered according to demand.

### Major Requirements

Physics 2, 13 and two courses of two terms each from Physics 3, 4b, 5a, 7a, 8b, 9a, 10b, 11a, 12b, 15a, 16b

History of Physics.

Mathematics 3, and one or one and one-half courses from Chemistry 1 or 2, Engineering 13a, 14b, 23a, 24b, Astronomy 1a, 3a, 4b, or additional mathematics.

A comprehensive examination based upon above-mentioned courses.

### 1. Introductory Physics — Four hours. MR. BENHAM.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention of specializing in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, solution of problems and simple laboratory experiments, how these principles apply to matters of everyday experience. This is a much less exacting course than *Physics 2*. Text: Black, *An Introductory Course in College Physics*. A fee of \$7.50 per semester is charged.

### 2. General Physics — Four hours. MR. SUTTON and MR. PEPINSKY.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Mendenhall, Eve, Keys, and Sutton, *College Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1*. A fee of \$7.50 per semester is charged.

### 3. Atomic Physics — MR. SUTTON.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio  $E \div M$  for electrolytic ions;  $e \div m$  for cathode rays; properties of gaseous ions; measurement of the electronic charge  $e$  by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium

emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisites, *Physics 2*. A fee of \$7.50 per semester is charged.

#### **4b. Spectroscopy — MR. SUTTON.**

Lectures, readings, and experiments on spectroscopy and atomic structure giving emphasis upon the underlying theory and offering acquaintance with the laboratory methods involved. A fee of \$7.50 per semester is charged.

#### **5a. Transmission Systems — MR. BENHAM.**

Lectures, class discussions and occasional experiments on the theory and practice of networks. The course covers reduction and transformation of complex impedance and resistance networks, resonance in electrical circuits, transmission lines, filters, coupled circuits, equalizers, and bridge circuits. Text: W. L. Everitt, *Communication Engineering*. Prerequisites, *Physics 2*, *Mathematics 2*. Laboratory fee, \$7.50 per semester.

#### **7a. Electricity and Magnetism — MR. BENHAM.**

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electromagnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2*. Fee, \$7.50 per semester.

#### **8b. Intermediate Radio Communication — MR. BENHAM.**

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*, and preferably *Physics 7a*. A fee of \$7.50 per semester is charged.

#### **9a. Mechanics — MR. SUTTON.**

Analytical mechanics treating the statics, kinematics, and dynamics of particles and rigid bodies. Lectures and problems on the application of calculus and vector methods to mechanical systems including a brief treatment of Lagrange's equations and the special theory of relativity. Text: Synge and Griffith, *Principles of Mechanics*. Prerequisites: *Physics 2* and *Mathematics 3* (or *Mathematics 3* may be taken concurrently). No fee.

Also called *Mathematics 19a*.

#### **10b. Introduction to Mathematical Physics — MR. SUTTON.**

Lectures and problems on selected topics in mathematical physics, such as hydrodynamics, thermodynamics, kinetic theory, wave motion, theory of electric fields, etc. Textbook: Page, *Introduction to Theoretical Physics*. This course and *Physics 9a* are complementary courses affording one full year in theoretical physics, but a student may elect either half. Prerequisites, *Physics 2* and *Mathematics 3* or *Mathematics 3* may be taken concurrently). No fee.

#### **11a. Optics and Photography — MR. SUTTON.**

A study of the principles of physical optics with special reference to photography followed by a systematic study of the photographic process. Laboratory work includes both measurements in optics and photographic dark-room manipulations. Text: Mack and Martin, *The Photographic Process*. A fee of \$7.50 per semester is charged. Prerequisite, *Physics 1* or *2*.

#### **12b. Sound — Second half-year. MR. BENHAM OR MR. PEPINSKY.**

A course of lectures, readings and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisites, *Physics 2*, *Mathematics 2*. Fee, \$7.50 per semester.

**13. Physics Seminar — MR. SUTTON and MR. BENHAM.**

Advanced students in physics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the department to discuss the progress in each field of investigation, so that each student becomes familiar with problems other than his own. In this course, the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree. Fee, \$10.00 per semester.

**14b. Communications — MR. BENHAM.**

An introduction to such subjects as telephone, telegraph, teletype and facsimile (picture transmission) is given. Also, a major part of the work is devoted to learning the Continental Morse code. Laboratory periods are spent in practicing receiving and sending the code under the guidance of the Instructor. Supplementary reading and code practice are required. Prerequisite, *Physics 1* or high school physics. Laboratory fee, \$4.00.

**15a. Electronics — MR. BENHAM.**

This course includes material introductory to electron theory, study and application of vacuum-tubes and problems pertaining to design and analysis of typical circuits employing the vacuum-tube. Laboratory experiments are designed to give the student experience in the handling of apparatus in which the vacuum-tube is used. Prerequisites, *Physics 2*. Laboratory fee, \$7.50 per semester.

Also called Engineering 17a.

**16b. Advanced Radio — MR. BENHAM.**

This course takes up the design and operation of such apparatus as radio transmitters, receivers, cathode-ray oscillograph, frequency modulated transmitters, television. Laboratory periods are intended to give the student experience in handling receiving and transmitting equipment. Prerequisite, *Physics 15a* or *8b*. Laboratory fee, \$7.50.

Physics 1-2 and 7a were offered in the summer of 1944.

## PSYCHOLOGY

Courses in Psychology have for their goal the understanding and prediction of human behavior. The elementary course is designed especially for the premedical student but covers the needs also of the student of philosophy and the social sciences, and those expecting to assume executive positions.

**1. Elementary Psychology — MR. PEPINSKY.**

A course of three demonstration lecture periods and one laboratory a week to illustrate such topics as the nervous system and level of brain functioning, motivation of behavior, likes, ways of learning, remembering and inventing. Elective for undergraduates who have been in residence two terms.

**2b. Advanced Psychology — MR. STEERE.**

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinics. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Psychology 1*.

## ROMANCE LANGUAGES

The first objective of instruction in the Romance Languages is the cultivation of fluent and accurate command of the contemporary idiom, both written and oral. Exceptional opportunities for developing oral facility in French, Spanish, Italian and German are afforded by residence in the Language House.

Study of the national literatures of France, Spain and Italy presupposes more than elementary facility in conversation and composition. Admission to literature courses is therefore contingent upon the consent of the instructor, which will not ordinarily be granted earlier than the completion of at least French 3 or Spanish 2 or Italian 1, or their equivalents.

The Department of Romance Languages offers Major Programs in French and in Spanish.

### FRENCH

#### Major Requirements

French 3, 4, 16b, 17a, 18b, 19a.

History of France since 1515.

Supporting courses in the Latin, German, Spanish, Italian and English languages and literatures, History of Art, Philosophy; to be arranged in individual conference.

A written and oral comprehensive examination on the language, literature and history of France.

#### 1. Elementary French\* — MRS. COMFORT.

Oral and written introduction to the French language preparatory to French 3.

#### 2. Intermediate Elementary French\* — MR. WYLIE.

Preparation for French 3; for students presenting one or two years of French at entrance.

#### 3. Advanced Elementary French\* — MRS. ASENSIO.

A continuation of the work of French 1 or 2, with additional emphasis on reading.

#### 4. Advanced French Conversation and Composition.

Normal prerequisites are French 3 and a course in French Literature, but exemption from the latter may be granted to well qualified students interested primarily in the language.

#### 16b. French Literature through the Sixteenth Century.

Lectures with collateral reading and reports on the history of early French Literature.

#### 17a. French Literature of the Seventeenth Century — MR. WYLIE.

Reading, reports and discussion of the main currents of thought and the outstanding literary figures of the century.

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\* These courses meet six hours per week, with corresponding reduction in outside preparation; 3 hours credit.

**18b. French Literature of the Eighteenth Century.**

Reading, reports and discussion of the main currents of thought and the outstanding literary figures of the century.

**19a. French Literature of the Nineteenth and Twentieth Centuries.**

Reading, reports and discussion of the main currents of thought and the outstanding literary figures since 1800.

**SPANISH****Major Requirements**

Spanish 3, 4a, 4b, 5a, 6b, 7.

History of Spain and Spanish America, as a background for literature.

Supporting courses in the Latin, French, Italian and English languages and literatures, History of Art, Philosophy: to be arranged in individual conference.

Written and/or oral comprehensive examinations.

**1. Elementary Spanish — MRS. ASENSIO.**

Oral and written introduction to the Spanish language.

**2. Intermediate Elementary Spanish — MRS. ASENSIO.**

A continuation of the work of Spanish 1, with additional emphasis on reading.

**3. Advanced Spanish Conversation and Composition.**

Normal prerequisites are Spanish 2 and a course in Spanish Literature, but exemption from the latter may be granted to well qualified students interested primarily in the language.

**4a. Spanish Literature from its origins to the Golden Age — MRS. ASENSIO.**

Lectures, reading, written and oral reports.

**4b. Introduction to Spanish-American Literature.**

Lectures, reading, written and oral reports.

**5a. Spanish Literature of the Nineteenth and Twentieth Centuries.**

Romanticism in Spain; the Movement of '98. Lectures, reports and discussions.

**6b. Spanish Literature of the Golden Age.**

Cervantes, Lope de Vega, Tirso, Calderón.

**7. Special Topics in Spanish Literature.****ITALIAN****1. Elementary Italian — MR. H. COMFORT.**

Oral and written introduction to the Italian Language. Not open to Freshmen.

**2. Readings in Italian Literature.**

The *Divina Commedia* and other Italian classics.

**SOCIOLOGY**

The courses in Sociology are designed to prepare students for citizenship in a democracy. Most, if not all, of our problems are at bottom traceable to faulty relationships between people and between groups of people. Hence, Sociology as the "Science of human relations" aims to throw light on the relationship of the individual to the group; of group to group; and of group to community.

Sociology, furthermore, analyzes problems of social maladjustment, such as crime, poverty, and the breakdown of family life, which call for intelligent social action if community life is to be the matrix from which good citizenship is born.

### Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Psychology 1, Psychology 2b, Government 3a, Economics 1 and Mathematics 13a, in consultation with the major supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

For graduate students majoring in Sociology, Mathematics 13a (Introduction to Statistics) and Mathematics 14b (Advanced Statistics) may be counted as courses in Sociology.

#### 1a. An Introduction to Sociology — MR. WATSON.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

#### 2b. Criminology — MR. WATSON.

Social origins of crime and criminals; costs to the community and society; apprehension and rehabilitation of offenders; police organization; the courts in operation; penology, including the probation and parole systems. Trips to penal institutions and the criminal courts will be made. Prerequisite, *Sociology 1a*.

#### 4b. Ethnic Relations — MR. WATSON.

A study of "racial" and cultured factors in American communities. Special attention will be paid to the Negro, the American-born Japanese, the American Indian, and other minority groups. The particular cultured contributions of various minority groups are explored, and methods of resolving conflicts between groups are examined. Prerequisite, *Sociology 1a*.

#### 5a. Industry and Society — MR. WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as unemployment, and other forms of economic insecurity.

Special emphasis is placed on methods of resolving industrial conflict. Studies of actual cases before the National War Labor Board are made with the view of discovering sound principles of labor management relations. Prerequisite, *Economics 1* and *Sociology 1a*.

Also called Economics 5a.

#### 6b. Labor Policies and Business Management — MR. WATSON.

A study of business administration and organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys the movement for "scientific management." It includes an analysis of the nature, objects and technique of labor management, employee representation and union-management cooperation. Prerequisite, *Sociology 5a*.

Also called Economics 6b.

**7a. Seminar in Social Science Research — MR. WATSON.**

The seminar aims to acquaint the student with the general methods of research in the social sciences and their interrelations. It lays a foundation for the preparation of M.A. theses and longer term papers involving social science research techniques.

Classes limited to men majoring in one of the social sciences. Prerequisite, one two-term course or two one-term courses in any of the social sciences.

**8b. Problems of the Modern Family — MR. WATSON.**

A seminar course on problems of the modern family and education for parenthood. A discussion of relationships of husband-wife; parent-child; and family-community. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upper classmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

**9a. The Field of Social Work — MR. WATSON.**

A course of twenty-four lectures beginning in January, 1945, running for six weeks. The course will place special emphasis on the principles and technique of social case work. Restricted to students in the Relief and Reconstruction unit in Haverford College.

## GRADUATE TRAINING IN RECONSTRUCTION AND RELIEF

*(See Special Section under Graduate Students, p. 32)*

The course is run on the quarter system. Autumn quarter, 1944: Sept. 25–Dec. 20. Winter quarter, 1945: Jan. 4–Mar. 24. Spring quarter, 1945: April 2–June 15. Summer Field Work quarter, 1945: June 22–Sept. 18. Autumn quarter, 1945: Sept. 24–Dec. 21.

Students will be expected to take four courses per quarter. For the first three quarters all students who are not fluent in two European languages will take two of their four courses in languages. German and French will be spoken in the resident dormitory and at meals.

### SAMPLE PROGRAM OF STUDIES IN GRADUATE COURSE OF RECONSTRUCTION AND RELIEF FOLLOWS

*First quarter:* Double course in Elementary German, or a single course in Advanced German and a course in Russian; Philosophy & Practice of Reconstruction; Special Area Study.

*Second quarter:* Continuation of double course in Elementary German or continuation of Advanced German and Russian; six weeks of Social Case Work and initial six weeks of sixteen weeks of International Relief Administration; Special Area Study, etc.

**German 1. R & R (Elementary German) — MR. KELLY.**

An intensive double course in German designed to take those who have had either no German language study or those with limited study and prepare them for a command of spoken German.

**German 2. (Intermediate German) — MR. KELLY. See German 2.****German 3. (Advanced German) — MR. PFUND. See German 3.**

**French 1.** — MRS. H. COMFORT.

**French 2.** — MR. WYLIE.

**French 3.** — MRS. ASENSIO.

**French 4. R & R** — MR. WYLIE.

A special conversational course designed to improve the fluency of those already possessing a grasp of the language.

**Polish 2.** — MR. WACHTEL.

An elementary course to prepare for facility in spoken Polish.

**Russian 1.** — MR. SENN. (Given at Bryn Mawr College.)

Elementary study of the Russian language.

**Advanced Italian.** — MR. CASELLI.

**Advanced Spanish.** — MRS. ASENSIO.

**Special Area Study.** — MESSRS. STINNES, WYLIE, FOSS, STEERE, PFUND, and others.

An intensive study designed to acquaint future reconstruction workers with some of the characteristic features of Central and Northern European social and economic life, and with the mentality and character of the people of these areas.

Autumn quarter: Germany; winter quarter: Germany, Poland, Czechoslovakia, Russia; spring quarter: France.

Lectures by distinguished nationals of each country studied: Bruening, Robert Ulich, Stresemann, Sollman, Rauschnig, Segal, Brun, Kohlemainen, Elsa Brangstrom Ulich have spoken in this series; papers, journal club, and discussions.

**Philosophy and Practice of Reconstruction.** — Autumn quarter, MR. STEERE and others.

This course falls into two parts. The first is a series of lectures and biographical readings on great humanitarians in an effort to discover the sources of their power and to study the evolution of charitable services through the contributions of notable figures, such as Francis of Assisi, Vincent de Paul, John Woolman, John Frederic Oberlin, Florence Nightingale, Henri Dunant, Jane Addams, Matilda Wrede, Albert Schweitzer, and Fridtjof Nansen.

The second part is a weekly conference with a distinguished administrator or field worker of the American Friends Service Committee in order to study intensively the scope and method of operation of a single reconstruction agency; Rufus Jones, Clarence Pickett, John Rich, Leslie Heath, J. Henry Scattergood; Alfred G. Scattergood, William Comfort, Howard Comfort, Hertha Kraus, Emily Parker Simon, Emma Cadbury, Josiah Marvel and Roger Wilson have spoken in this series.

**Social Case Work.** — Winter quarter, 1944 (one-half quarter). MR. WATSON.

A concentrated course in social case work presented with special emphasis upon the features transferable to foreign reconstruction situations. Lectures and field trips.

**International Relief Administration.** — Winter and spring quarters (one and one-half quarters). DR. HERTHA KRAUS.

A lecture and seminar course designed to acquaint the student with some background of the existing European social welfare facilities; with the principles and practices of the major types of relief and reconstruction work that have been carried on in Europe; and with the policies of the leading relief and reconstruction agencies in this country. Representatives of these agencies will be invited to discuss their policies with members of the seminar. Lectures, research projects, discussions.



**Bookkeeping and Accounting**—Autumn quarter (one-half quarter). MR. TEAF.

This course is to acquaint future workers with the elements of bookkeeping and accounting practices and will use record systems of leading relief agencies in its problems.

**Elementary Nutrition**—Autumn quarter (one-half quarter). MISS HAINER and MRS. MACK.

An orientation in basic principles of nutrition, with special reference to such problems as dietary analysis, supplementary feeding, and mass feeding involved in foreign relief operations.

**Elementary Village Hygiene**—Autumn quarter (one-half quarter). MR. OBOLD.

A survey of standard emergency practices in disposal of waste, purification of water, control of disease carriers, epidemic prevention and control, etc.

**Mental Hygiene of the Relief Worker**—Autumn quarter (one-half quarter). MR. STEERE.

A study of the common personal problems faced by the relief worker in the field with attention directed to the psychological and spiritual resources available for a creative adjustment to the situation.

**Work Camp Administration**—Autumn quarter (one-half quarter). MESSRS. STEERE, MILLER, SCHNITZER, JACKSON, MORRIS.

A survey of the history and practice of work camps, with particular emphasis upon the application of past experience to international labor services in the post-war period.

### **Applied Work.**

In addition to carrying four courses per quarter, each student will be assigned to some type of applied work. The field of this work will be chosen only after careful consultation with the student and with an attempt to develop or strengthen some special skill useful in the work of reconstruction. In the autumn of 1944 applied work projects included: apprentice work with different sections of the American Friends Service Committee, apprenticeship to the week-end work-camp under the direction of David and Mary Richie, child care in day nursery, work with consumers' cooperatives, nurses' assistant work at the Douglass Hospital in Philadelphia, secretarial work, and employment providing experience in dietary management.

### **Field Work Projects.**

In the summer quarter all students will be assigned to a three months' period of field work to be chosen from available projects, again with an attempt to strengthen and develop the students' special skills useful in Reconstruction. In the summer of 1944 five students directed volunteer work-camps under the A.F.S.C.; five served in model detention programs in Sleighton Farms and the Massachusetts Reformatory for Women; two served in a nutrition experiment in Philadelphia; one was a member of the UNRRA staff in Washington; two were staff members of the Henry Street Settlement Farm Camp; one served in a Home Mission Rural Community Project in Higgins, N. C.; two were nurses' aides in a Federal Migratory Worker Camp Program in Texas; two worked in a Recreational Program with children in a large camp of Polish refugees at Colonia Santa Rosa in Mexico.

# DEGREES, PRIZES, AND HONORS GRANTED IN 1943-1944

## DEGREES

The following degrees were conferred on Haverford students enrolled in the V-12 Navy Unit at Swarthmore College on October 24, 1943. The class association of accelerated students is listed.

### BACHELORS OF SCIENCE

HORACE NEWTON COMPTON, JR., 1944	WILLIAM EASTMAN HOWE, 1944
JODIE DEE CRABTREE, JR., 1944	JOHN BRONSON LOGAN, 1944
ALLAN CORNING HAMILTON, 1944	

The following degrees were conferred on Commencement Day, February 12, 1944.

### BACHELORS OF ARTS

MARIA LOUISA GILDEMEISTER, 1944	EDGAR WILLIAM WILLAR, JR., 1944
MANUEL JOSEPH GOMEZ, 1944	

### BACHELORS OF SCIENCE

ELLSWORTH CHAPMAN ALVORD, JR., 1944	GEORGE DEARBORN HOPKINS, 1944
JOHN ARTHUR FRANTZ, 1944	

The following degrees were conferred on Haverford students enrolled in the V-12 Navy Unit at Swarthmore College on February 27, 1944.

### BACHELORS OF SCIENCE

ARTHUR RICE HARNED, 1945	DONALD ALEXANDER PURDY, 1945
ROY HERRICK HOPKINS, 1945	STACEY HARRISON WIDDICOMBE, JR., 1945
DAVID MALLERY, 1945	

The following degrees were conferred on Commencement Day, June 3, 1944.

### BACHELORS OF ARTS

SAMUEL MICKLE FOX, 3RD, 1945	CLARK EVERETT HULINGS, 1945
EDGAR DAUPHIN FREE, 1944	HENRY FILLMORE LANKFORD, 1945
DAVID EVANS GRANT, 1945	JAMES BOYER WRIGHT, 1945
ROBERT WHITE HILL, 1944	WILLIAM LEONARDO LEHMANN, 1945

*As of 1942*

EDWIN HARRINGTON

### BACHELORS OF SCIENCE

RICHARD WALLACE COLE, 1945	EDMUND GOERKE, JR., 1944
HENRY HARTER FETTERMAN, 1945	VERNON METCALF ROOT, 1945

*As of 1943*

THOMAS ELKINTON

The following degrees were conferred on Commencement Day, August 25, 1944.

## MASTER OF SCIENCE

JOHN LYLE STREET

## BACHELORS OF ARTS

THEODORE CRANDALL ALFORD, JR., 1944

GEORGE ROWLAND COCKS, 1944

CHARLES EDWIN FOX, JR., 1944

DAVID YI-YUNG HSIA, 1945

MASAMORI KOJIMA, 1945

CHARLES MCCURDY MATHIAS, JR., 1944

HERBERT NORMAN SLOTNICK, 1945

## BACHELORS OF SCIENCE

EDWARD BLOCK, 1945

THOMAS MASON TRAINER, 1945

DOUGLAS CARY WENDELL, JR., 1944

## CORPORATION SCHOLARSHIPS FOR THE SUMMER TERM, 1944

*(Award Made on the Basis of Semesters Completed)*

## 7 Semesters

DAVID YI-YUNG HSIA

MASAMORI KOJIMA

## 5-6 Semesters

DAVID E. LONG

PAUL H. DOMINCOVICH

## 3-4 Semesters

ALBERT H. EWELL, JR.

CHARLES LONG, II

## 1-2 Semesters

ROBERT H. RICHIE, JR.

IAN HUEBSCH

## Entering Class

TIMOTHY B. ATKESON

JOHN T. WHITMAN

## CORPORATION SCHOLARSHIPS FOR THE FALL TERM, 1944-1945

## 7-8 Semesters

PAUL H. DOMINCOVICH

THOMAS JOSEPH RYAN

## 5-6 Semesters

ALBERT H. EWELL, JR.

DAVID E. LONG

## 3-4 Semesters

IAN HUEBSCH

JULIUS KATCHEN

## 1-2 Semesters

RICHARD MALCOLM GILMOUR

MURRAY FOX FREEMAN

## Entering Class

DAVID EDWARD THOMAS

JUDSON LAMOURE IHRIG

## PRIZES

*The Clementine Cope Fellowship for 1944-45 (\$700)  
for graduate study at another institution was awarded to*

ROBERT BRIGGS DAY, 1944

*The Class of 1896 Prizes (\$20 in books) in Mathematics  
for Sophomores were awarded to*

THOMAS PATON GOODMAN, 1946

CLOYD MARVIN, 1947

*The Mathematics Department Prizes (\$25 for Freshmen)  
awarded in competition by examination were awarded to*

First Prize (\$15), MURRAY FOX FREEMAN, 1948

Second Prize (\$10), IAN HUEBSCH, 1947

*The Alumni Prize for Composition and Oratory (\$50)  
was divided between*

MASAMORI KOJIMA, 1944

WILLIAM HUSTON CHARTENER, 1946

*The William Ellis Scull Prize (\$35)*

*for the upper classman who shall have shown the "greatest achievement in  
voice and the articulation of the English language" was awarded to*

THEODORE MARTIN HILTNER, 1945

*The Scholarship Improvement Prizes (\$95)*

*for the two Seniors who have shown the most steady and marked improvement  
in scholarship during the college course were awarded as follows:*

First Prize (\$50), HENRY FILLMORE LANKFORD, 1944

Second Prize (\$45) was divided between

RICHARD WALLACE COLE, 1944

VERNON METCALF ROOT, 1944

*The Founders Club Prize (\$25)*

*for the Freshman who has shown the best attitude toward college activities  
and scholastic work was awarded to*

LAWRENCE D. STEEFEL, JR., 1947

*The Newton Prize in English Literature (\$50)  
was awarded to*

EDWARD BURROUGHS IRVING, JR., 1944

## HONOR SOCIETIES

The following students were elected to the Phi Beta Kappa Society

EDMOND EMERSON HAMMOND, JR., 1944    RICHARD WALLACE COLE, 1945

SAMUEL EMLIN STOKES, JR., 1944

The following students were elected to the Founders Club, an organization  
based on merit in both studies and college activities

*As of 1943*

JOHN RICHARD CARY, 1945

DAVID YI-YUNG HSIA, 1945

ROBERT GILMOUR PONTIUS, 1945

EDWARD PRESTON, III, 1945

STACEY HARRISON WIDDICOMBE, JR., 1945

*As of 1944*

HENRY HARTER FETTERMAN, 1945  
 SAMUEL MICKLE FOX, 3RD, 1945  
 MANUEL JOSEPH GOMEZ, 1944  
 ROBERT HAIG BEDROSSIAN, 1946

WILLIAM HUSTON CHARTENER, 1946  
 GEORGE MONTGOMERY, JR., 1946  
 WILLIAM EDWARDS SHERPICK, 1946

The following students were elected to the  
 Tau Kappa Alpha National Honorary Debating Fraternity

*As of 1943*

JOHN RICHARD CARY, 1945  
 WILLIAM HUSTON CHARTENER, 1946  
 THOMAS PATON GOODMAN, 1946

DAVID YI-YUNG HSIA, 1945  
 CHARLES SPAHR SANGREE, 1946  
 RICHARD SPATZ, 1946

*As of 1944*

RICHARD WALLACE COLE, 1944  
 WALTER YONEO KATO, 1946

MASAMORI KOJIMA, 1944  
 JOHN KELWAY LIBBY, 1946

## HONORS

## FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope, than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

## HIGH HONORS

RICHARD WALLACE COLE, 1944.....Physics  
 DAVID YI-YUNG HSIA, 1945.....Chemistry  
 MASAMORI KOJIMA, 1944.....Government

## HONORS

EDWARD BLOCK, 1945.....Physics

## PRELIMINARY HONORS

CHARLES CALDWELL RYRIE, 1946.....Music

## HONORABLE MENTION

*In Single Courses in the Freshman or Sophomore Year*

Representing a minimum of 60 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better, in the same course.

JAMES FOWLER ADAMS, JR., 1948.....English 2b  
 FREDERICK LEIGHTON BLAKE, 1947.....Chemistry 2  
 ISRAEL MORRIS DOWBINSTEIN, 1947.....Chemistry 3a, 4a  
 DAVID BERNARD KONOWITZ, 1948.....English 2b  
 DONALD MELDRUM, 1947.....Chemistry 2  
 MARTIN SANDERS, 1947.....Biology 1  
 HOWARD WARNER STARKWEATHER, JR., 1946.....Chemistry 2

# DIRECTORY

## STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; F for Founders Hall, G.H. for Government House, L.H. for Language House, L for Lloyd Hall, D for day student. The field of major concentration is indicated in parentheses. The figure following the name indicates the number of the term now being completed. Day students' home telephones are listed after their addresses.

Division into undergraduate terms and graduate departments will be found in Part Two.

### PART ONE

#### CIVILIAN STUDENTS

(Alphabetically Arranged)

Name	Home Address	College Address
<b>A</b>		
ADAMS, JAMES FOWLER, JR., 3.....	2900 Harrison Street, Wilmington 270, Del.	29 L
ALENICK, MONROE EDWARD, 2.....	292 Eastern Parkway, Newark 6, N. J.	37 L
ATKESON, TIMOTHY BREED, 2.....	3673 Upton Street, N. W., Washington 8, D. C.	18 L
<b>B</b>		
BAILEY, M. OMAR, 2.....	160 N. Main Street, West Hartford 7, Conn.	12 L
BAKER, ROBERT KNOCH, 1.....	355 Columbia Avenue, Palmerton, Pa.	35 L
BARKER, WILLIAM PIERSON, II, 2.....	1553 Shorb Avenue, N. W., Canton 3, Ohio	30 F
BARLOW, ROBERT, 1.....	CPS 49, Cottage 5, Phila. State Hospital, Philadelphia 14, Pa.	Day
BEARDSLEY, JOHN POST, 7 (English).....	1919 Spruce Street, Philadelphia, Pa.	14 L
BELL, WILLIAM WARREN, 2.....	4409 Greenwich Parkway, N. W., Washington 7, D. C.	25 L
BELOOF, ROBERT, 6.....	CPS 49, Cottage 1, Phila. State Hospital, Philadelphia 14, Pa.	Day
BERNSTEIN, DANIEL SEYMOUR, 2.....	3700 Hilton Road, Baltimore 15, Md.	36 L
BIRDSALL, JOSEPH COOPER, JR., 1.....	139 Booth Lane, Haverford, Pa.	20 L
BLUM, KENNETH RICHARD, 2.....	1185 Park Avenue, New York 28, N. Y.	36 L
BOUZARTH, WILLIAM FRANCIS, II, 2.....	635 Belair Avenue, Aberdeen, Md.	11 L

Name	Home Address	College Address
BRAWNER, DAVID MONTGOMERY, 2.....	107 Highland Drive, Chevy Chase, Md.	32 L
BROWN, RODMAN WELD, 4.....	416 Linden Street, Wellesley Hills, Mass.	Merion
BUTTRICK, DAVID GARDNER, 1.....	21 E. 79th Street, New York City	9 F

C

CAMERON, ANGUS MALCOLM, 7 (Chemistry) .....	318 8th Avenue, S. E., Minot, N. D.	21 L
CAVELL, MATTHEW STUART, 2.....	1125 S. E. First Street, Evansville 9, Ind.	37 L
CHARTENER, WILLIAM HUSTON, 7 (History) .....	414 Parkway, Monessen, Pa.	3 L
CLAYTON, ROBERT FRANCIS, JR., 4.....	49 E. Providence Road, Lansdowne, Pa.	1 L
COFFIN, LEWIS EDWARD, 7 (Chemistry) .....	150 Church Street, Newton 58, Mass.	5 F
COLLINS, BENJAMIN MCVICKAR, 1.....	Broadlea Farm, Rhinebeck, N. Y.	16 L
COOK, EDWARD MARSHALL, JR., 7 (Physics) .....	56 Cedarbrook Road, Ardmore, Pa. Hilltop 5690.	Day
CULBERT, CRAIG DUNLAP, 1.....	26 Chatham Road, Ardmore, Pa.	Day

D

DAUDON, MARC DANIEL, 2.....	623 Walnut Lane, Haverford, Pa. Ardmore 0986W.	Day
DAVIS, ALAN MARVIN, 5 (Chemistry) .....	205 W. 89th Street, New York, N. Y.	21b F
DOMINCOVICH, PAUL HENRY, 8 (R & R) .....	236 W. School Lane, Germantown, Philadelphia, Pa. Ardmore 5562.	15 L
DORN, RICHARD KENNETH, 1.....	6140 Nassau Road, Philadelphia, Pa. Greenwood 2618.	Day
DOWBINSTEIN, ISRAEL MORRIS, 5 (Chemistry) .....	3211 N. 17th Street, Philadelphia, Pa. Radcliff 2406.	Day
DRAKE, CHARLES DANIEL, 2.....	47 Main Street, Franklin, N. J.	22 F

E

ECROYD, HENRY, JR., 4 (Engineering) .....	226 Lenoir Avenue, Wayne, Pa.	17 F
EDGERTON, CHARLES WILLIS, JR., 1.....	College Avenue, Haverford, Pa.	10 L
ELLIOTT, RALPH MENGES, 2.....	19 Grace Court, Brooklyn, N. Y.	30 F
EWELL, ALBERT HUNTER, JR., 6 (Psychology) .....	4937 Walton Avenue, Philadelphia 43, Pa.	38 L

F

FLAHERTY, JOSEPH PAUL, 1.....	286 Trent Road, Penn Wynne, Montgomery County, Pa. Ardmore 5730.	Day
FLEMING, THOMAS TALBOT, 2.....	Valley Green Road, Flourtown, Pa. Whitmarsh 3233.	Day
FREEMAN, MURRAY FOX, 3.....	324 N. Bowman Avenue, Merion, Pa. Merion 1198.	Day

Name

Home Address

College Address

**G**

GANTER, ROBERT LEWIS, 1.....	10 L
830 Elsinore Place, Chester, Pa.	
GEOFFROY, CHARLES HENRY, 2.....	Day
509 Wilde Avenue, Drexel Hill, Pa. Clearbrook 7828.	
GERLACH, THOMAS BRADFIELD, 1.....	10 F
1526 N. 15th Street, Philadelphia 29, Pa.	
GILMOUR, RICHARD MALCOLM, 2.....	18 L
249 Green Avenue, Lansdowne, Pa.	
GOOD, ROBERT CROCKER, 7 (Philosophy) .....	3 F
419 Homestead Avenue, Mt. Vernon, N. Y.	
GORHAM, WILLIAM KANE, III, 1.....	31 L
3346 Tilden Street, Philadelphia 29, Pa.	
GREGSON, E. WESLEY, 7 (Philosophy) .....	Day
758 Beechwood Road, Beechwood, Upper Darby, Pa. Ardmore 0761R.	
GROSS, GERALD CANNOP, JR., 4.....	c/o Dr. Sutton
3130 Wisconsin Avenue, N. W., Washington, D. C	
GROSS, SHELDON HARLEY, 7 (History) .....	33 L
Quarters 15a, Fort Myer, Va.	
GROSSMAN, ALFRED DURANT, 2.....	19 L
10 Wakeman Place, Larchmont, N. Y.	
GRUBB, J. SPENSER, 1.....	30 L
420 Meadowbrook Avenue, St. Davids, Pa.	
GUNNISON, FOSTER, JR., 1.....	23 L
R. D. 2, Carmel, N. Y.	

**H**

HARDEN, ROBERT SCHERMERHORN, 1.....	30 L
341 E. Main Street, Moorestown, N. J.	
HARRIS, WILLIAM HAMILTON, 2.....	26 L
204 N. 17th Street, Camp Hill, Pa.	
HAUSER, JOHN NORMAN, 1.....	29 L
7443 Oakhill Avenue, Wauwatosa, Wis.	
HAWKINS, LEE WYETH, 2.....	32 L
Marionville, Mo.	
HENNE, JOHN KRAFFT, 4.....	32 L
332 W. Oak Street, Titusville, Pa.	
HERTER, THEOPHILUS JOHN, 7 (Philosophy) .....	Day
232 Wendover Drive, Westgate Hills, Upper Darby, Pa. Hilltop 1016.	
HILTNER, THEODORE MARTIN, 7 (Philosophy) .....	Gym
4215 E. 33rd Street, Seattle, Wash.	
HOPKINS, FRANK THOMAS, 2.....	11 L
316 Thornhill Road, Baltimore 12, Md.	
HUEBSCH, IAN, 4.....	7 F
285 Central Park, W., New York 24, N. Y.	
HUTCHINS, JAMES SEWALL, JR., 7 (Philosophy) .....	Day
529 Montgomery Avenue, Haverford, Pa.	
HUTCHINSON, ERNEST CHARLES, 1.....	Day
101 Grandview Road, Ardmore, Pa. Ardmore 0575W.	

**I**

IHRIG, JUDSON LAMOURE, 1.....	15 F
2611 E. Beverly Road, Milwaukee 11, Wis.	



Name	Home Address	College Address
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**J**

- |                                      |   |      |
|--------------------------------------|---|------|
| JACOB, JAMES ARCHIBALD, JR., 2.....  | 1310 Pleasant Avenue, Wellsburg, W. Va. | 30 F |
| JACOBS, GEORGE WAYNE, JR., 4.....    | 25 Fifth Avenue, New York, N. Y.        | 14 L |
| JOHNSON, DAVID, 5 (Philosophy) ..... | 18 W. 122nd Street, New York, N. Y.     | 15 L |
| JOHNSON, JAMES DEXTER, 1.....        | 250 S. Brentwood, Clayton, Mo.          | 18 F |
| JOHNSON, RICHARD SCHAPER, 1.....     | 328 W. 22nd Street, Erie, Pa.           | 28 L |

**K**

- |   |  |      |
|---|--|------|
| KATCHEN, JULIUS, 5 (Philosophy) .....       | 2 Hollywood Avenue, West Long Branch, N. J.  | 38 L |
| KATO, WALTER YONEO, 5 (Physics) .....       | 5210 Winthrop Avenue, Chicago 40, Ill.       | 19 F |
| KENNEDY, FRANCIS RICHARD, 6 (Physics) ..... | 810 High Street, Paris, Ky.                  | 15 L |
| KIMMICH, HOMER, 1.....                      | 505 Lancaster Avenue, Haverford, Pa.         | Day  |
| KINDLER, DON, 1.....                        | Jessups, Md.                                 | 13 F |
| KONOWITZ, DAVID BERNARD, 3.....             | 85-21 Homelawn Street, Jamaica, L. I., N. Y. | 7a F |

**L**

- |  |  |      |
|--|--|------|
| LANGSTON, THOMAS DINSMORE, 2.....                  | 621 Malvern Road, Ardmore, Pa. Ardmore 6715. | Day  |
| LEVENSOHN, ALAN MARK, 1.....                       | 36 Dolphin Road, Newton Centre, Mass.        | 34 L |
| LONG, DAVID E., 7 (International Government) ..... | 1522 Cleveland Avenue, Wyomissing, Pa.       | 3 L  |

**M**

- |  |  |      |
|--|--|------|
| MAKEL, JOHN SELBY, 1.....                    | Hdq. 8th Service Command, Dallas, Tex.           | 21 F |
| MANN, PHILIP CARL, 2nd, 7 (Government) ..... | 116 East Riverbank, Beverly, N. J.               | 16 L |
| MATHIS, JAMES LESLIE, 1.....                 | R. D. 1, Wyalusing, Pa.                          | 22 F |
| MEAD, BRIAN, JR., 2.....                     | 11 Horseguard Lane, Scarsdale, N. Y.             | 27 L |
| MEYERS, ROBERT WEIGEL, 3.....                | 132 W. 9th Street, Erie, Pa.                     | 4 L  |
| MILLER, WILLIAM HENRY, 2.....                | 7703 Crossland Road, Baltimore 8, Md.            | 2 F  |
| MOORE, CHARLES BYRD, 1.....                  | 25 Amherst Avenue, Swarthmore, Pa.               | 16 F |
| MOSES, CHARLES HENRY MANN, JR., 4.....       | 433 Haverford Road, Wynnewood, Pa. Ardmore 4396. | Day  |
| MUENCH, JAMES FREDERICK, 5.....              | 300 Riverside Drive, New York 25, N. Y.          | 3 L  |

Name	Home Address	College Address
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**N**

NEWMAN, PAUL FREEDMAN, 2.....	11 L	
7 Balfour Circle, Lansdowne, Pa.		
NOFER, GEORGE HANCOCK, 2nd, 3.....	Day	
632 W. Elkins Avenue, Philadelphia 20, Pa. Hancock 3220.		
NORTON, RICHARD WILLIAM, JR., 8 (Spanish) .....	Day	
Haverford Court, Haverford, Pa. Ardmore 0947.		

**O**

OLIVIER, DANIEL DRETZKA, 1.....	7 F	
Box 306, R. D. 2, Phoenixville, Pa.		
OPPENHEIMER, MARTIN J., 2.....	19 L	
3506 Bancroft Road, Baltimore 15, Md.		
OSWALD, DAVID STATTON, 1.....	13 L	
826 The Terrace, Hagerstown, Md.		

**P**

PAYRO, ROBERTO PABLO, 5.....	2 L	
Laval 357, Buenos Aires, Argentina		
PEASE, WILLIAM, 2.....	31 L	
207 Bloomfield Avenue, Hartford, Conn.		
PETER, DAVID ALEXANDER, 2.....	23 L	
45 N. 11th Street, Allentown, Pa.		
PETERSEN, HANS EBERHARD, 5 (Greek) .....	Merion	
145 95th Street, Brooklyn, N. Y.		
POWER, RICHARD WILSON, 1.....	14 F	
25 Pine Street, Canton, N. Y.		

**R**

RIVERS, RICHARD D., 5 (Physics) .....	11 F	
1281 Everett Avenue, Louisville, Ky.		
ROCHE, ROBERT PEARSON, 5 (English) .....	1 L	
111 7th Street, Garden City, L. I., N. Y.		
ROOSEVELT, DIRCK, 1.....	34 L	
9 Sutton Place, New York City		
ROSENTHAL, DAVID RICHARD, 2.....	33 L	
609 Reservoir Street, Baltimore 17, Md.		
RUTLEDGE, NEAL PERSON, 1.....	22 L	
4928 Indian Lane, Washington 16, D. C.		
RYAN, THOMAS JOSEPH, 7 (English) .....	20 L	
1216 Lindale Avenue, Drexel Hill, Pa.		

**S**

SANDERS, MARTIN, 4.....	4 L	
55 Clinton Place, Bronx, New York, N. Y.		
SATO, JYUICHI, 6 (Physics) .....	Day	
c/o Dr. Frank Watson, 773 College Avenue, Haverford, Pa. Ardmore 2937.		
SEGAL, MARVIN, 2.....	Day	
729 Snyder Avenue, Philadelphia 48, Pa. Dewey 6687.		
SETTLE, LYLE G., 2.....	20 F	
Dryden, N. Y.		
SNODGRASS, FRANCIS MATTLAGE, 1.....	35 L	
Windfall, R. D. 1, Martinsburg, W. Va.		

Name	Home Address	College Address
STARKWEATHER, HOWARD WARNER, JR., 4	815 Augusta Road, Wilmington 67, Del.	29 L
STEEFEL, LAWRENCE D., JR., 5 (German)	2808 West River Road, Minneapolis, Minn.	21 L
STIMSON, ARTHUR H., 3	8 Simpson Road, Ardmore, Pa. Ardmore 2258.	Day
STONE, JOHN ALEXANDER, 1	319 W. 88th Street, Apt. 8, New York City.	4 F
STUART, JOHN WALKER, 8 (Biology)	Apt. B-1, Thornbrook Manor Apts., 819 Montgomery Avenue, Bryn Mawr, Pa. Bryn Mawr 1533.	Day
STURR, GEORGE BOWLER TULLIDGE, 5 (Government)	129 Fourth Avenue, Haddon Heights, N. J.	17 L

T

THOMAS, DAVID EDWARD, 1	518 Foss Avenue, Drexel Hill, Pa.	Day
THOMPSON, DANIEL BARD, 3	110 S. Broad Street, Waynesboro, Pa.	22 L
THOMPSON, WILLIAM JAMES MULLINS, 3	926 Elk Street, Franklin, Pa.	26 L
TURLEY, KEITH HAROLD, 2	501 Camden Avenue, Moorestown, N. J.	25 L
TUTTLE, EDWIN ELLSWORTH, 2	76 Hillcrest Avenue, Summit, N. J.	27 L

V

VEDOVA, HAROLD FREDERICK, 1	1463 Hampstead Rd., Penn Wynne, Philadelphia 31, Pa.	Day
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W

WALTERS, JAMES DONALD, 3	90 Brite Avenue, Scarsdale, N. Y.	2 L
WHEELER, EDWARD STUBBS, 2	Route 3, Greencastle, Pa.	24 L
WHITCOMB, HAROLD CLARK, JR., 2	337 N. 25th Street, Camp Hill, Pa.	13 L
WHITEHEAD, H. MACY, 5 (Philosophy)	R. D. 1, South Windham, Maine.	1 F
WHITMAN, JOHN TURNER, 2	Nashawtuc Hill, Concord, Mass.	12 L
WINGERD, ROBERT AITKEN, 2	Edgar Avenue and Riddle Road, Chambersburg, Pa.	24 L

Z

ZWEIFLER, NATHAN JOSEPH, 2	46 Wilbur Avenue, Newark, N. J.	12 L
----------------------------	---------------------------------	------

RECONSTRUCTION AND RELIEF UNIT

A

ANDERSON, RUTH AGNES (A.B., Wellesley, 1941)	1945 Second Avenue, S. E., Cedar Rapids, Ia.	G. H.
ATKINSON, ANNA MARGARET (A.B., Brown, 1942)	Wrightstown, Pa.	L. H.

Name

Home Address

College Address

**B**

- BARCLAY, MARY (A.B., Middlebury, 1943) ..... L. H.  
424 N. Bluff, Wichita, Kansas.
- BARLOW, JOAN H. (A.B., Grinnell, 1944) ..... G. H.  
157 Sheldon Avenue, Ames, Ia.
- BROOKS, CHARLOTTE HALLOWELL (A.B., Smith, 1942) ..... L. H.  
45 Mystic Street, West Medford, Mass.
- BROWN, SYDNEY THOMSON (B.A., Smith, 1943) ..... L. H.  
99 Claremont Avenue, New York, N. Y.

**C**

- CALKINS, FAY GILKEY (B.A., Oberlin, 1943) ..... L. H.  
1112 N. Evergreen Street, Arlington, Va.
- CARY, SARAH COMFORT (A.B., Vassar, 1940) ..... L. H.  
Ellet Lane and Wissahickon Avenue, Mt. Airy, Philadelphia, Pa.
- CUNNINGHAM, NANCY LOUISE (B.A., Smith, 1944) ..... G. H.  
214 Forest Park Boulevard, Janesville, Wis.

**D**

- DRISCOLL, RUTH ANTOINETTE ..... L. H.  
1629 Asbury Avenue, Evanston, Ill.

**F**

- FEISE, DORELEN (B.A., Oberlin, 1944) ..... G. H.  
401 Rosebank Avenue, Baltimore, Md.
- FOWLE, HELEN JOY (B.A., Wellesley, 1943) ..... L. H.  
Thetford, Vt.
- FREEMAN, CHARLES (B.A., Wake Forest College, 1942) (M.A., University of  
North Carolina, 1944) ..... Day  
Pendle Hill, Wallingford, Pa. (Old Fayetteville Road, Raleigh, N. C.)
- FREYHOF, BETTY KEITH (A.B., Wellesley, 1944) ..... G. H.  
3819 Clifton Avenue, Cincinnati 20, O.

**G**

- GARRISON, ELIZABETH B. (A.B., Swarthmore, 1938) ..... L. H.  
Cedarville, N. J.
- GEDNEY, ELOISE (A.B., Flora Stone Mather, 1942) ..... G. H.  
117 Maplewood Avenue, Maplewood, N. J.
- GILDEMEISTER, MARIA LUISA (A.B., Haverford, 1944) ..... L. H.  
Casilla Correo 678, Lima, Peru.
- GOODIER, RICHARD BARRITT (A.B., Brown, 1935) (S.T.B., The Biblical Semi-  
nary in New York, 1938) (M.A., Drew Seminary, 1943) ..... F. H.  
445 High Street, Lonsdale, R. I.
- GRAHAM, CAROLYN (B.A., H. Sophie Newcomb, 1944) ..... G. H.  
7821 Freret Street, New Orleans 18, La.
- GRANT, BARBARA STEVENS (A.B., Colby, 1943) ..... G. H.  
75 Coleman Road, Wethersfield, Conn.

**H**

- HAGGARD, BARBARA A. (A.B., Wells, 1943) ..... G. H.  
3100 Warrington Road, Shaker Heights, O.
- HOLMES, BARBARA RISTINE (A.B., Wells, 1942) ..... G. H.  
2734 N. Stowell Avenue, Milwaukee 11, Wis.
- HOVEY, SARAH EDITH (A.B., Reed, 1944) ..... c/o Dr. H. Comfort  
833 34th Avenue, N., Seattle, Wash.

Name	Home Address	College Address
------	--------------	-----------------

I

ISGRIG, AIMEE MARGARET (A.B., Rockford, 1944)	1547 Upper Parkway, Wauwatosa, Wis.	G. H.
---	-------------------------------------	-------

J

JONES, ANNETTE ROBERTS (B.A., Wellesley, 1941) (M.Ed., Winnetka, 1942)	272 Vine Avenue, Highland Park, Ill.	L. H.
--	--------------------------------------	-------

K

KNIGHT, BERNICE EVA (B.A., Colby, 1944)	County Road, Westbrook, Me.	G. H.
KRANCER, PRISCILLA (B.A., Vassar, 1942)	c/o Captain Sprague, St. Albans Hospital, L. I., N. Y.	L. H.

L

LANGSTON, MARTHA PORTER (A.B., Scripps, 1937)	1844 Pepper Drive, Altadena, Calif.	L. H.
LITCHMAN, JEAN M. (A.B., University of Washington, 1943)	408 E. 50th Street, Seattle, Wash.	G. H.

M

MORRISON, ESTHER (B.S., Mississippi State, 1938) (M.S., University of Louisville, 1940)	17 Railroad Avenue, Haverford, Pa. (3111 Drummond Street, Vicksburg, Miss.)	Day
---	---	-----

P

PAGE, LAURAMA (B.A., Swarthmore, 1943)	2424 Lincoln Street, Evanston, Ill.	L. H.
PLUMB, LOIS VIRGINIA (B.A., Wilson College, 1943)	20 Primrose Avenue, Tuckahoe, N. Y.	L. H.
POHL, CLAUDINE BLANCHE (A.B., Oberlin, 1944)	215 W. 83rd Street, New York, N. Y.	G. H.

R

RIGSBEE, ALFRED SWAIN (A.B., Earlham, 1944)	Pendle Hill, Wallingford, Pa. ("The Maples," Arlington, Ind.)	Day
RUSSELL, FLORENCE O. (A.B., Scripps, 1944)	1811 El Encanto Road, Santa Barbara, Calif.	G. H.

S

SHORTER, FRED CLAIBORNE (A.B., Reed, 1944)	3208 Franklin Avenue, Seattle 2, Wash.	F. H.
--	--	-------

T

TAFT, REBEKAH L. (A.B., Bryn Mawr, 1933)	Gray Farm, Salem Street, Andover, Mass.	G. H.
--	---	-------

Name

Home Address

College Address

## W

- WEHMEYER, JEAN ADELE (B.A., Smith, 1943) ..... L. H.  
R. D. S., Clinton Corners, N. Y.
- WILHELM, FREDERICK OSCAR (B.A., Wesleyan, 1944) ..... Day  
Pendle Hill, Wallingford, Pa. (Box 35, North Granby, Conn.)
- WILLIAMS, MARY ESTHER (B.A., Vassar, 1943) ..... L. H.  
1317 Bishop Road, Grosse Pointe, Mich.
- WILLIAMS, MRS. ROBERT K. (Miriam) (B. of Arch., Alabama Polytechnic Institute, 1935) ..... G. H.  
2300 St. Stephen's Road, Mobile 17, Ala.
- WILLIAMS, WENDELL W. (A.B., College of Emporia, 1938) (M.A., University of Kansas, 1941) (M.S., George Williams College, 1942) ..... Day  
Pendle Hill, Wallingford, Pa. (Route No. 1, Emporia, Kans.)
- WYLIE, ANNE STILES (B.S., Simmons, 1943) ..... G. H.  
270 Brookline Avenue, Boston, Mass.
- WYLIE, LAURENCE WILLIAM (A.B. & M.A., Indiana, 1931, 1933) (Ph.D., Brown University, 1940) ..... G. H.  
270 Brookline Avenue, Boston, Mass.

## PART TWO

## 8th Term (3)

Domincovich ..... 15 L      Norton ..... Day      Stuart ..... Day

## 7th Term (14)

Beardsley ..... 14 L	Gregson ..... Day	Long ..... 3 L
Cameron ..... 21 L	Gross, S. H. .... 33 L	Good ..... 3 F
Chartener ..... 3 L	Hiltner ..... Gym	Mann ..... 16 L
Coffin ..... 5 F	Herter ..... Day	Ryan ..... 20 L
Cook ..... Day	Hutchins ..... Day	

## 6th Term (4)

Beloof ..... Day      Kennedy ..... 15 L      Sato ..... Day  
Ewell ..... 38 L

## 5th Term (13)

Davis, A. .... 21b F	Muench ..... 3 L	Steeffel ..... 21 L
Dowbinstein ..... Day	Payro ..... 2 L	Sturr ..... 17 L
Johnson, D. .... 15 L	Petersen ..... Merion	Whitehead ..... 1 F
Katchen ..... 38 L	Rivers ..... 11 F	
Kato ..... 19 F	Roche ..... 1 L	

## 4th Term (10)

Brown ..... Merion	Henne ..... 32 L	Moses ..... Day
Clayton ..... 1 L	Huebsch ..... 7 F	Sanders ..... 4 L
Ecroyd ..... 17 F	Jacobs, G. .... 14 L	Starkweather ..... 29 L
Gross, G. C., c/o Dr. Sutton		

PART TWO (Cont.)

3rd Term (9)

Adams .....29 L	Meyers .....4 L	Thompson, D. B....22 L
Freeman .....Day	Nofer .....Day	Thompson, W. J. M..26 L
Konowitz .....7a F	Stimson .....Day	Walters .....2 L

2nd Term (38)

Alenick .....37 L	Fleming .....Day	Pease .....31 L
Atkeson .....18 L	Geoffroy .....Day	Peters .....23 L
Bailey .....12 L	Gilmour .....18 L	Rosenthal .....33 L
Barker .....30 F	Grossman .....19 L	Segal .....Day
Bell .....25 L	Harris .....26 L	Settle .....20 F
Bernstein .....36 L	Hawkins .....32 L	Turley .....25 L
Blum .....36 L	Hopkins .....11 L	Tuttle .....27 L
Bouzarth .....11 L	Jacob .....30 F	Wheeler .....24 L
Brawner .....32 L	Langston .....Day	Whitcomb .....13 L
Cavell .....37 L	Mead .....27 L	Whitman .....12 L
Daudon .....Day	Miller .....2 F	Wingerd .....24 L
Drake .....22 F	Newman .....11 L	Zweifler .....12 L
Elliott .....30 F	Oppenheimer .....19 L	

1st Term (35)

Baker .....35 L	Grubb .....30 L	Mathis .....22 F
Barlow .....Day	Gunnison .....23 L	Moore .....16 F
Birdsall .....20 L	Harden .....30 L	Olivier .....7 F
Buttrick .....9 F	Hauser .....29 L	Oswald .....13 L
Collins .....16 L	Hutchinson .....Day	Power .....14 F
Culbert .....Day	Ihrig .....15 F	Roosevelt .....34 L
Dorn .....Day	Johnson, J. D....18 F	Rutledge .....22 L
Edgerton .....10 L	Johnson, R. ....28 L	Snodgrass .....35 L
Flaherty .....Day	Kimmich .....Day	Stone .....4 F
Ganter .....10 L	Kindler .....13 F	Thomas .....Day
Gerlach .....10 F	Levensohn .....34 L	Vedova .....Day
Gorham .....31 L	Makel .....21 F	

FIRST GRADUATE RECONSTRUCTION AND RELIEF UNIT (19)

Atkinson .....L. H.	Fowle .....L. H.	Plumb .....L. H.
Barclay .....L. H.	Garrison .....L. H.	Wehmeyer .....L. H.
Brooks .....L. H.	Gildemeister .....L. H.	Williams, M. E....L. H.
Brown .....L. H.	Jones .....L. H.	Wylie, A. S.....G. H.
Calkins .....L. H.	Krancer .....L. H.	Wylie, L. W.....G. H.
Cary .....L. H.	Langston .....L. H.	
Driscoll .....L. H.	Page .....L. H.	

SECOND GRADUATE RECONSTRUCTION AND RELIEF UNIT (25)

Anderson .....G. H.	Grant .....G. H.	Rigsbee .....Day
Barlow .....G. H.	Haggard .....G. H.	Russell .....G. H.
Cunningham .....G. H.	Holmes .....G. H.	Shorter .....F. H.
Feise .....G. H.	Hovey .....Day	Taft .....G. H.
Freeman .....Day	Isgrig .....G. H.	Wilhelm .....Day
Freyhof .....G. H.	Knight .....G. H.	Williams, Mrs. R. K., G. H.
Gedney .....G. H.	Litchman .....G. H.	Williams, W. W....Day
Goodier .....F. H.	Morrison .....Day	
Graham .....G. H.	Pohl .....G. H.	

## ASTP PREMEDICAL TRAINEES

Telephone — Ardmore 9508  
Barclay Hall, Center

Name	Home Address
ASINOVSKY, JOSEPH.....	28 Morris Street, Rochester, N. Y.
BACKUS, JOHN WARNER.....	2203 Grant Avenue, Wilmington, Del.
CEBULKA, PETER RICHARD.....	Hawk Run, Pa.
CHOJNACKI, BERNARD.....	3983 E. 74th Street, Cleveland, O.
CLARK, RANDALL LEE.....	520 N. Duke Street, Lancaster, Pa.
COYNE, JOHN FRANCIS, JR.....	11 Cleaves Street, Portland, Me.
CURTIS, JAMES LEROY.....	Wilton, Wis.
DELASHMUTT, ROBERT EUGENE.....	326 Osman Street, Bucyrus, O.
DORFMAN, MURRAY LEWIS.....	1726 Davidson Avenue, New York, N. Y.
DROULARD, KENNETH EARL.....	9207 Stone Road, Algonac, Mich.
EFFINGER, GEROLD JOSEPH.....	430 W. Carey Street, Philadelphia, Pa.
JOHNSON, DAVID HALSEY.....	237 Dorer Avenue, Hillside, N. J.
MALKIN, ROBERT S.....	8631 112th Street, Richmond Hill, N. Y.
MCCAUGHEY, RICHARD STONE.....	1112 Sheridan Drive, Danville, Ill.
McHUGH, DANIEL.....	159 Henderson Street, Pittsburgh, Pa.
OGILVIE, ROBERT JERROLD.....	59 Edgemoor Avenue, Wellesley, Mass.
SERGEANT, JOHN H., JR.....	39-61 65th St., Woodside, L. I., N. Y.
SMITH, EDWIN ROBERT.....	23 E. 4th Street, Mt. Vernon, N. Y.
SMITH, JAMES ANTHONY.....	R. D. 1, Bainbridge Road, Chagrin Falls, O.
SPENADER, WAYNE FRANK.....	1010 Third Avenue, Mendota, Ill.
TANNER, LEONARD MICHAEL.....	1206 S. 14th Street, Cambridge, O.
THRALL, HOWARD CURTIS.....	Box 75, Manilla, Ind.
ULRICH, CHRISTIAN ANDREW.....	3951 N. Hoyne Street, Chicago, Ill.
WELLS, MORTIMER HALL, JR.....	4 Brantwood Road, Arlington, Mass.
YAMIN, EDWARD ROBERT.....	243 S. Grove Street, Freeport, N. Y.
ZAGORY, CONRAD.....	223 White Road, Mineola, L. I., N. Y.





# FACULTY AND OFFICERS

Name	Address (Haverford, unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.,	750 Rugby Road, Bryn Mawr.....	Bryn Mawr 2568J
Asensio, Mrs. Manuel J.,	2 College Lane.....	4163
Benham, T. A.,	3 College Lane.....	6044
Cadbury, William E., Jr.,	791 College Avenue.....	0203W
Caselli, Aldo,	Merion Hall.....	9458
Comfort, Howard,	5 College Circle.....	3732
Comfort, William Wistar,	South Walton Road.....	0455
Drake, Thomas E.,	702 Pennstone Road, Bryn Mawr.....	Bryn Mawr 1534
Dunn, Emmett R.,	748 Rugby Road, Bryn Mawr.....	
Evans, Arlington,	324 Boulevard, Brookline, Upper Darby.....	Hilltop 2043
Evans, Francis Cope,	1 College Lane.....	4049W
Fetter, Frank W.,	5 Canterbury Lane, St. Davids.....	Wayne 2449J
FitzGerald, Alan S.,	Warick Road & Cotswold Lane, Wynnewood.....	1404
Flight, John W.,	753 College Avenue.....	4409W
Foss, Martin,	1a College Lane.....	1599
Gibb, Thomas C.,	824 Buck Lane.....	6949W
Green, Louis C.,	791 College Avenue.....	4409J
Gummere, Henry V.,	3026 Midvale Avenue, Philadelphia 29.....	Tennessee 1933
Haddleton, A. W.,	29 Tenmore Road.....	Bryn Mawr 1235W
Henry, Howard K.,	1464 Drayton Lane, Penn Wynne.....	3913J
Hepp, Maylon H.,	East Founders Hall.....	9460
Herndon, John G.,	1 College Lane.....	0364
Hetzl, Theodore B.,	768 College Avenue.....	4393W
Holmes, Clayton W.,	720 Millbrook Lane.....	4269W
Johnston, Robert J.,	Woodside Cottage.....	3725
Jones, Rufus,	2 College Circle.....	2777
Kelly, John A.,	3 College Lane.....	4160
Lockwood, Dean P.,	6 College Circle.....	1402J
Lunt, William E.,	5 College Lane.....	1507W
MacIntosh, Archibald,	3 College Circle.....	0961
Meldrum, William B.,	747 College Avenue.....	0881J
Morley, Felix,	1 College Circle.....	4712
Oakley, Cletus O.,	Featherbed Lane.....	3109W
Palmer, Frederic, Jr.,	1 College Lane.....	6878
Pepinsky, Abraham,	7 College Lane.....	5324
Pfund, Harry W.,	624 Overhill Road, Ardmore.....	5532
Post, Amy L.,	C-3 Dreycott Apartments.....	1643M
Post, L. Arnold,	9 College Lane.....	0258M
Rantz, J. Otto,	2122 Chestnut Avenue, Ardmore	
Rittenhouse, Leon H.,	6 College Lane.....	5522
Sargent, Ralph M.,	4 College Circle.....	3339
Scaife, Mary L.,	E-4 Haverford Gables.....	5117
Snyder, Edward D.,	36 Railroad Avenue.....	0712

Name	Address (Haverford, unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Steere, Douglas V.,	739 College Avenue.....	0162
Stinnes, Edmund H.,	751 Millbrook Lane.....	6759
Stone, Brinton H.,	774 Millbrook Lane.....	5555W
Sutton, Richard M.,	785 College Avenue, facing Walton Road.....	0742W
Swan, Alfred,	3 College Lane.....	1562
Taylor, Dr. Herbert W.,	457 Lancaster Avenue.....	2383
Teaf, Howard M., Jr.,	3 College Lane.....	4049J
Volkert, Walter,	871 Martin Avenue, Bryn Mawr.....	Bryn Mawr 2113W
Watson, Frank D.,	773 College Avenue.....	2937
Williamson, Alexander J.,	4 College Lane.....	4023
Wills, William Mintzer,	B-201 Merion Garden Apartments, Merion...	Merion 4760
Wilson, Albert H.,	765 College Avenue.....	1853
Wylie, Laurence W.,	Government House.....	9613

## MILITARY STAFF

3327 Service Unit—ASTP Premedical Unit

Capt. Ralph J. Henry, Inf., Commanding Officer,  
911 Hagysford Road, Penn Valley.....Cynwyd 0903R

Permanent Party—Enlisted Personnel

Telephone—Ardmore 4066

S/Sgt. J. Hunter McDowell.....723 Windermere Avenue, Drexel Hill, Pa.  
Sgt. Richard R. Bullock.....Box 634, Farmington, New Mexico  
Cpl. Stanley F. Janiak.....2700 Oakley Way, Pittsburgh, Pa.  
Pfc. Frank Soda.....7128 Van Dyke Street, Philadelphia 35, Pa.



# COLLEGE OFFICE AND BUILDING TELEPHONES

*Unless otherwise noted, all telephones below may be reached by calling Ard. 6400*

Academic Director, Premedical ASTP, W. B. Meldrum	
Administrative Secretary, Mary L. Scaife	
Admissions, Archibald MacIntosh, Director	
Alumni Office, Brinton H. Stone, Secretary	
Army Specialized Training Unit, Barclay Hall.....	4066
Army Units, Academic Records Office	
Assistant to the President, Brinton H. Stone	
Barclay Hall, Center (Pay Station) .....	9459
Barclay Hall, North (Pay Station) .....	9506
Barclay Hall, South (Pay Station) .....	9508
Biology Laboratory (Sharpless Hall)	
Bucky Foundation Office, R & R Unit	
Business Office, Aldo Caselli, Bursar	
Chemistry Laboratory (Profs. W. B. Meldrum, W. E. Cadbury, Jr.)	
Coordinator of Army Units, H. M. Teaf, Jr.	
Dean's Office, Thomas C. Gibb, Acting Dean	
Engineering Laboratory (Hilles)	
Faculty Secretary (at Alumni Office)	
Founders Hall, Dormitory (Pay Station) .....	9533
Founders Hall, East (Pay Station) .....	9460
Government House, 8 College Lane (Pay Station) .....	9613
Gymnasium (Pay Station) .....	9512
Gymnasium Office	
Haverford News .....	4894
Haverford Review, Brinton H. Stone, Managing Editor	
Hilles Laboratory of Applied Science (Engineering) (Profs. Hetzel, Holmes, and Mr. Rantz)	
Infirmmary, Mabel S. Beard, R.N.	
Kitchen (Pay Station) .....	9544
Language House, Manuel J. Asensio, Director .....	9428
Library: D. P. Lockwood (Librarian), Amy L. Post (Circulation Desk), Thomas E. Drake, Anna B. Hewitt (Treasure Room)	
Lloyd Hall, 3rd Entry (Kinsey), Rooms 1-12 (Pay Station) .....	9520
Lloyd Hall, 5th Entry (Strawbridge), Rooms 13-26 (Pay Station) .....	9514
Lloyd Hall, 8th Entry (Leeds), Rooms 27-38 (Pay Station) .....	9628
Merion Hall .....	9458
Observatory	
Physics Laboratory (Sharpless Hall)	
Power House (Pay Station), after 5:00 P.M. ....	9540
President, Felix Morley	
Reconstruction and Relief Office	
Registrar, W. M. Wills	
Research Laboratory, Alan S. FitzGerald, Director .....	5092
Romance Language Department Office	
Science House, 521 Panmure Road (Pay Station) .....	9523
Sharpless Hall: T. A. Benham, H. Comfort, F. C. Evans, H. K. Henry, A. Pepin- sky, R. M. Sutton	
Steward, Charles Byles	
Superintendent's Office, Mrs. Viola Chatto	
Vice-President, Archibald MacIntosh	
Whitall Hall: Profs. J. W. Flight, Maylon H. Hepp, J. G. Herndon, J. A. Kelly, W. E. Lunt, D. V. Steere, H. M. Teaf, Jr., Frank D. Watson, H. W. Pfund, R. M. Sargent, E. D. Snyder	

*From 5 P.M. to 9 A.M. weekdays and after 1 P.M. Saturdays and on Sundays and  
holidays call as follows:*

Bursar .....	0221	Physics & Engin. Labs.....	0763
Dean .....	0221	President .....	3761
Infirmmary .....	3036	Superintendent .....	0767
Library .....	0767	Vice-President .....	0221

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Perkiomen School, Pennsburg, Pa.

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Girard Trust Co., Phila., Pa.

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Cromwell Bridge Rd., Towson, Md.
- Secretary.....WILLIAM W. SAUNDERS, '27  
4303 Kathland Ave., Baltimore, Md.
- Treasurer.....HOWARD O. BUFFINGTON, JR., '31  
4805 Belle Ave., Baltimore, Md.

*Haverford Society of Washington*

- President.....ALLAN B. FAY, '27  
3 Ardmore Circle, Friendship Sta., D. C.
- Vice-President.....THOMAS WISTAR, JR., '30  
113 Hesketh St., Chevy Chase, Md.
- Secretary-Treasurer.....MEREDITH B. COLKET, JR., '35  
2017 Eye St., N. W., Washington, D. C.

*Pittsburgh Alumni Association of Haverford College*

- President.....GIFFORD K. WRIGHT, '93  
First National Bank Building, Pittsburgh, Pa.
- Secretary.....WILLARD E. MEAD, '26  
5800 Walnut St., Pittsburgh, Pa.
- Treasurer.....JAMES M. HOUSTON, '31  
1639 Beechwood Blvd., Pittsburgh, Pa.

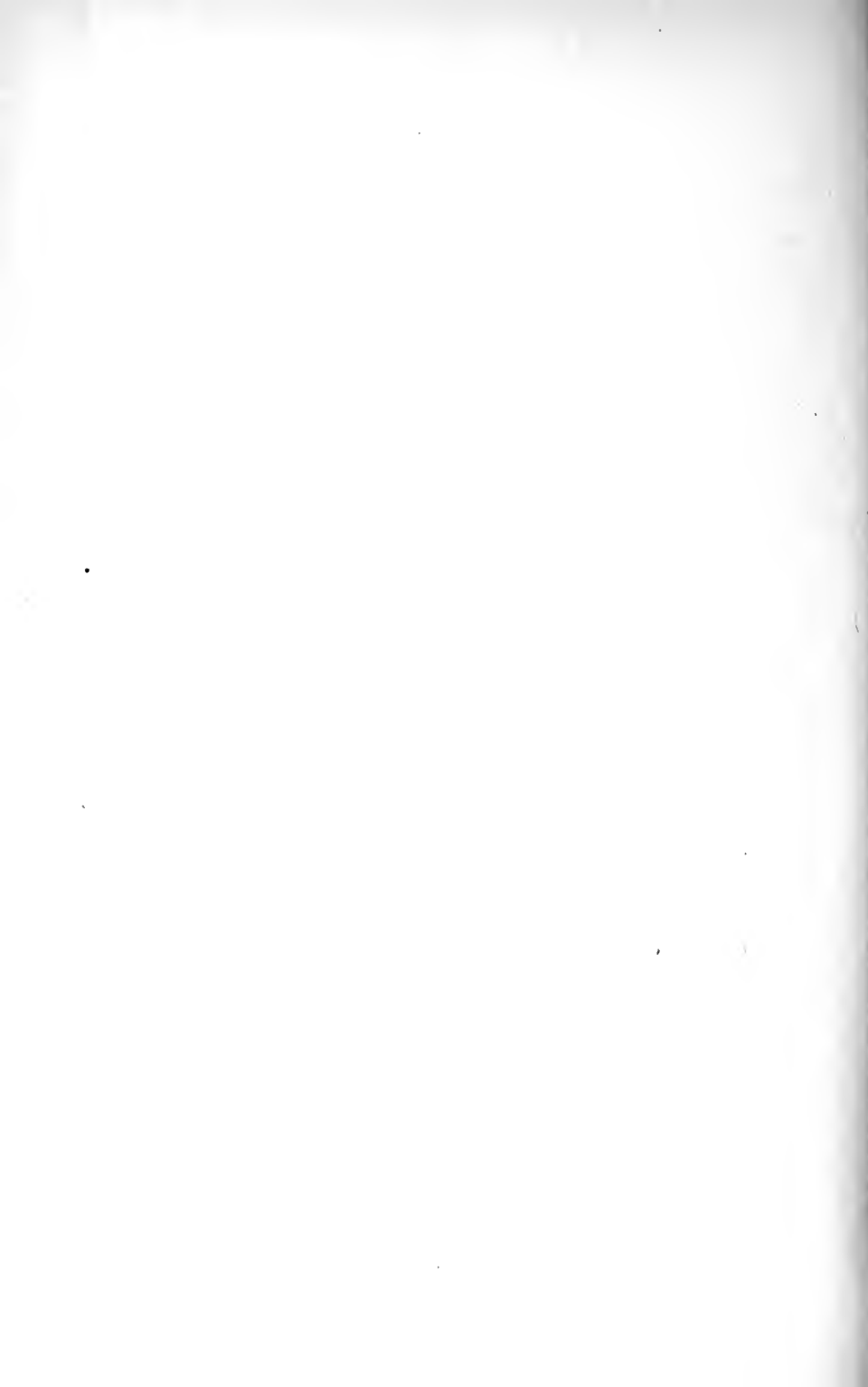
*Haverford Society of New England*

- President.....FRANK M. ESHLEMAN, '00  
40 Broad St., Room 600, Boston, Mass.
- Vice-President.....GARRETT S. HOAG, '23  
10 P. O. Square, Boston, Mass.
- Vice-President.....PAUL JONES, '05  
Marble St., Whitman, Mass.
- Secretary-Treasurer.....ELLIOTT W. BROWN, '21  
23 Bradford Rd., Wellesley Hills, Mass.

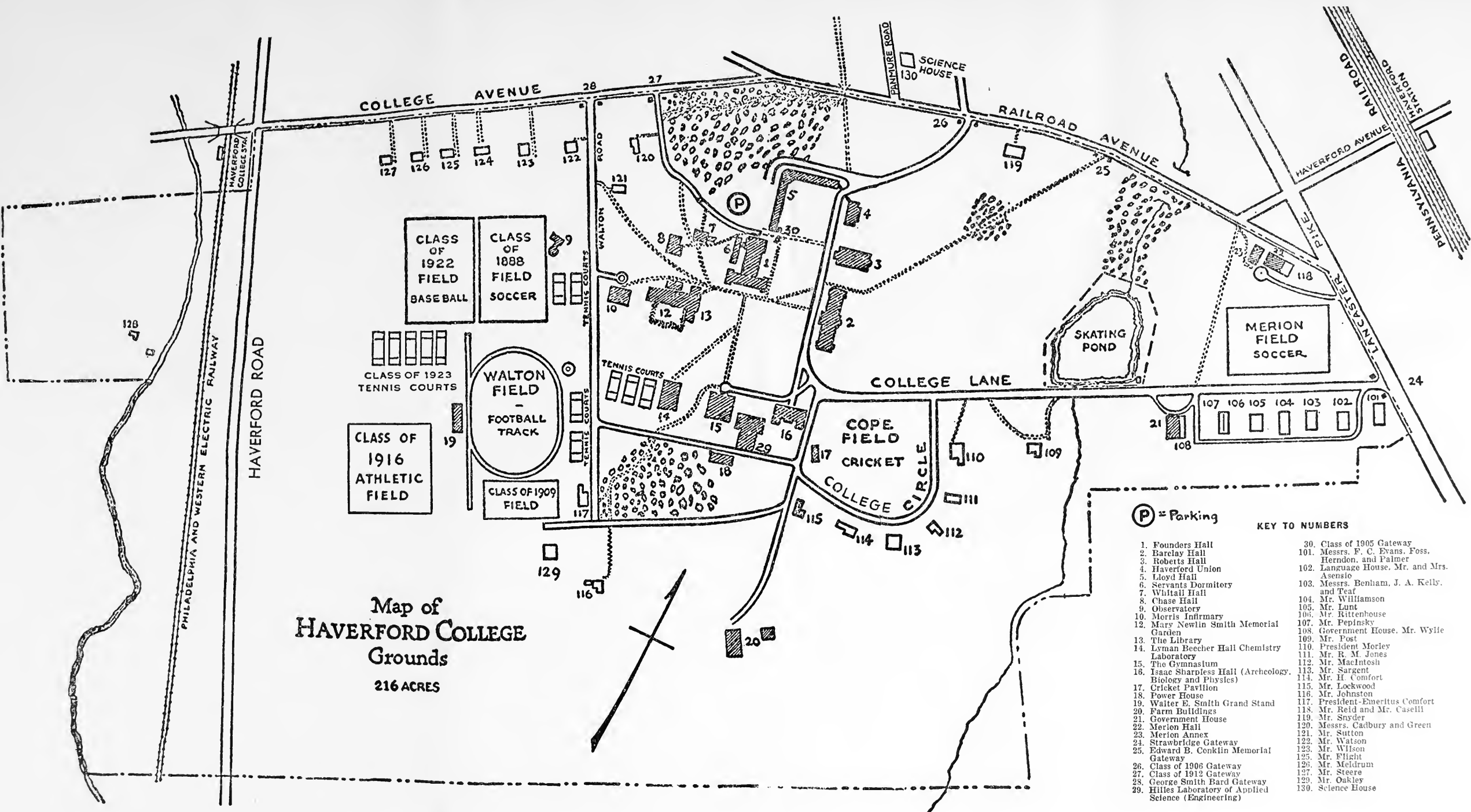
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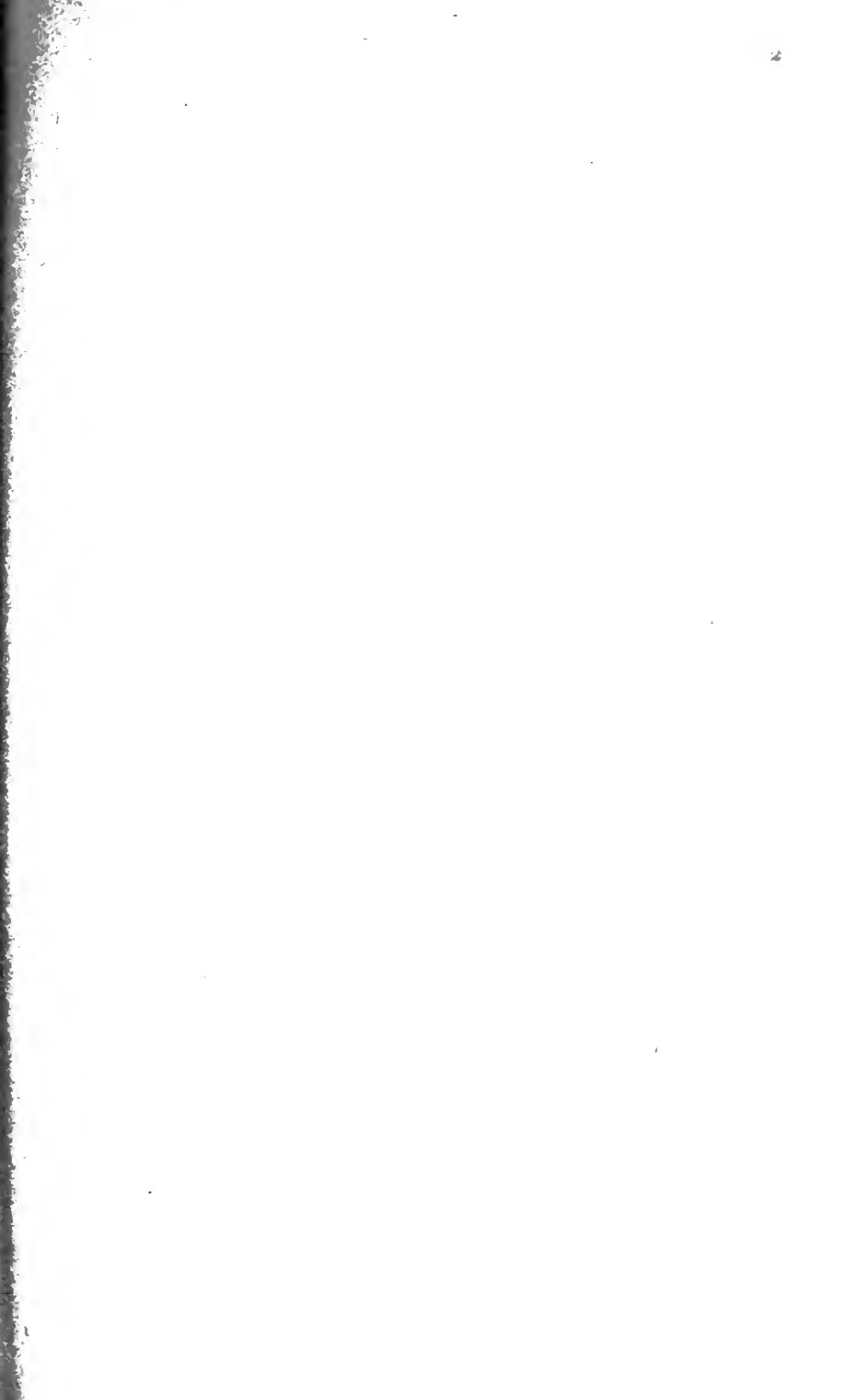
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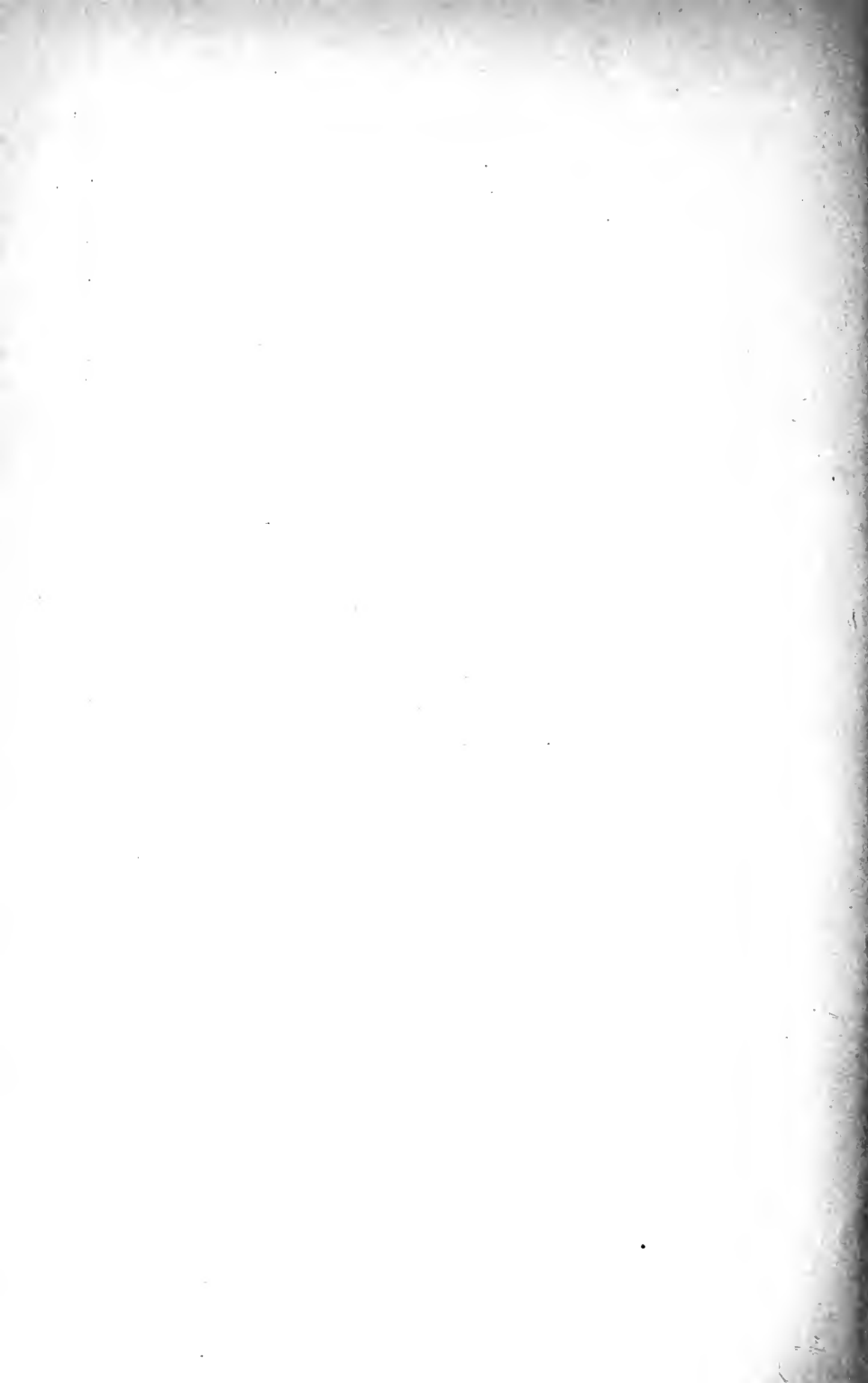












# HAVERFORD COLLEGE BULLETIN

Report of  
THE TREASURER OF THE CORPORATION  
of HAVERFORD COLLEGE

1943-44

(President's Report issued in v. 44, no. 1)



VOLUME XLIII

NUMBER THREE

DECEMBER  
1944

Issued October, November, December and February by  
Haverford College, Haverford, Pa.

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Second Class Permit Applied For

# HAVERFORD COLLEGE BULLETIN

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*Report of*  
TREASURER OF THE CORPORATION  
of Haverford College

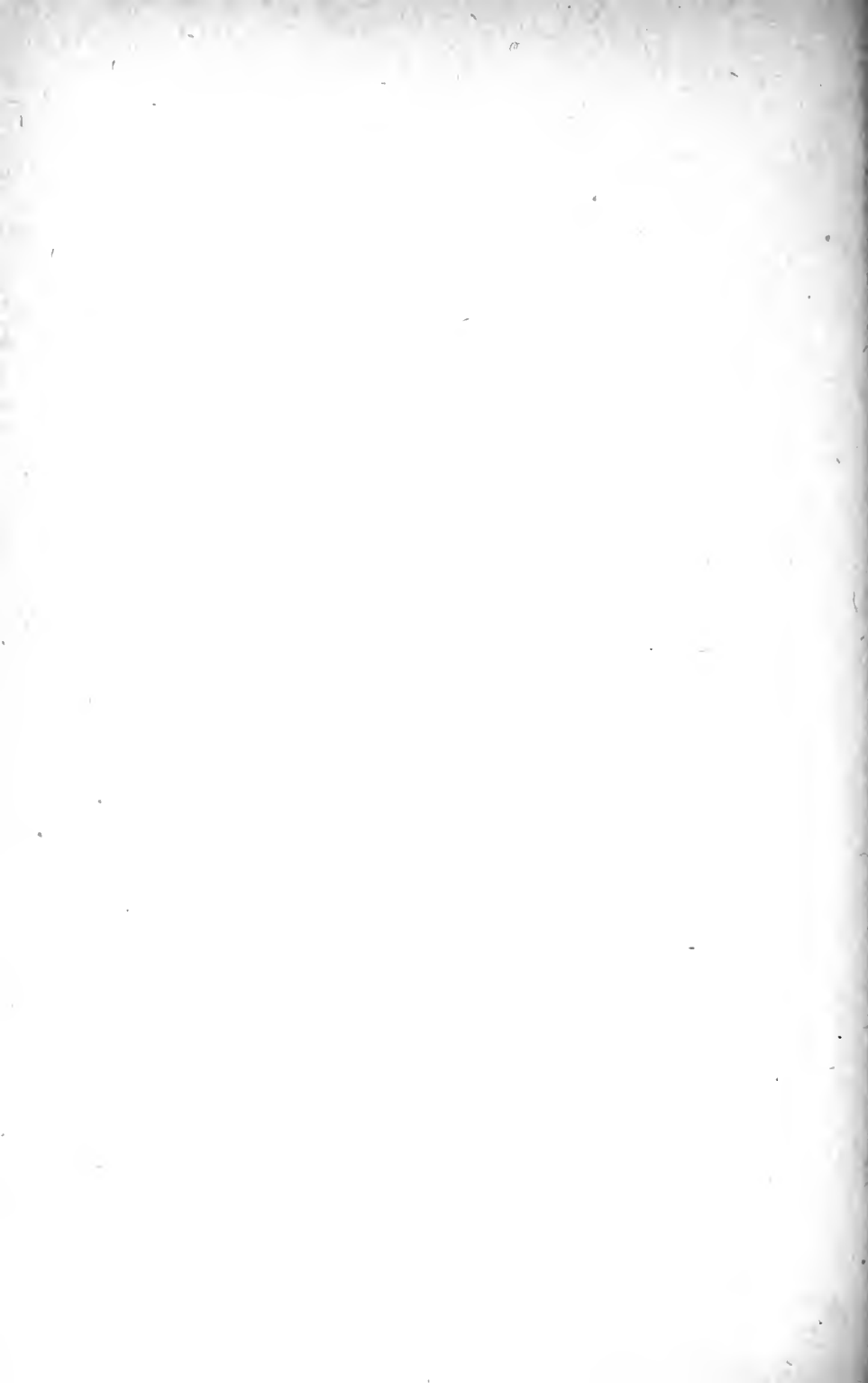
For the Year Ending Eighth Month 31, 1944



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HAVERFORD · PENNSYLVANIA





# CORPORATION OF HAVERFORD COLLEGE

## OFFICERS

MORRIS E. LEEDS, <i>President</i> .....	1901 Stenton Ave., Germantown, Phila.
FELIX M. MORLEY, <i>President of the College</i> .....	Haverford, Pa.
J. HENRY SCATTERGOOD, <i>Treasurer</i> .....	1616 Walnut St., Phila.
JOHN FLAGG GUMMERE, <i>Secretary</i> .....	W. School Lane and Fox Ave., Phila.

---

## MEMBERS OF THE STANDING NOMINATING COMMITTEE OF THE CORPORATION

### *Term Expires 1945*

WILLIAM WISTAR COMFORT.....	Haverford, Pa.
LOVETT DEWEES.....	Sweetwater Farm, Glen Mills, Pa.
THEODORE B. HETZEL.....	768 College Avenue, Haverford, Pa.

### *Term Expires 1946*

HARRIS G. HAVILAND.....	16th and Race Sts., Phila.
ARCHIBALD MACINTOSH.....	3 College Circle, Haverford, Pa.
JONATHAN M. STEERE.....	1318 Girard Trust Bldg., Phila.

### *Term Expires 1947*

STANLEY R. YARNALL.....	5337 Knox St., Germantown, Phila.
IRVIN C. POLEY.....	6012 Chew St., Germantown, Phila.
ARTHUR J. PHILLIPS.....	274 S. Felton St., Phila.

## BOARD OF MANAGERS

### *Ex-officio as Officers of Corporation*

MORRIS E. LEEDS, *President*.....4901 Stenton Ave., Phila.  
J. HENRY SCATTERGOOD, *Treasurer*.....1616 Walnut St., Phila.  
JOHN FLAGG GUMMERE, *Secretary*.....W. School Lane and Fox Ave., Phila.

### *Term Expires 1945*

CHARLES J. RHOADS.....Ithan Road, Bryn Mawr, Pa.  
EDWARD W. EVANS.....304 Arch St., Phila.  
WILLIAM A. BATTEY.....Liberty Trust Building, Phila.  
DR. FREDERIC C. SHARPLESS.....Rosemont, Pa.  
JOHN A. SILVER.....Olney P. O., Phila.  
ALFRED BUSSELLE.....347 Madison Ave., New York, N. Y.  
†WALTER C. JANNEY.....1529 Walnut St., Phila.  
WILLIAM B. BELL.....Rockefeller Plaza, New York, N. Y.

### *Term Expires 1940*

FREDERIC H. STRAWBRIDGE.....801 Market St., Phila.  
JONATHAN M. STEERE.....1318 Girard Trust Bldg., Phila.  
L. HOLLINGSWORTH WOOD.....103 Park Ave., New York, N. Y.  
STANLEY R. YARNALL.....5337 Knox St., Germantown, Phila.  
WILLIAM WISTAR COMFORT.....Haverford, Pa.  
DR. HENRY M. THOMAS, JR.....1201 N. Calvert St., Baltimore, Md.  
ALEXANDER C. WOOD, JR.....511 Chestnut St., Phila.  
HAROLD EVANS.....100 Provident Trust Bldg., Phila.

### *Term Expires 1947*

J. STOGDELL STOKES.....Summerdale, Phila., Pa.  
M. ALBERT LINDON.....4601 Market St., Phila.  
FRANCIS R. TAYLOR.....901 Girard Trust Bldg., Phila.  
EDWARD WOOLMAN.....Haverford, Pa.  
THOMAS W. ELKINTON.....121 S. 3rd St., Phila.  
DR. S. EMLEN STOKES.....Moorestown, N. J.  
HENRY CARTER EVANS.....635 Manatawna Ave., Roxboro, Phila.  
WILLIAM M. MAIER.....Bailey Building, Phila.

### *Alumni Representatives*

PAUL VAN REED MILLER *Term Expires 1945*.....Girard Trust Bldg., Phila.  
OWEN B. RHOADS *Term Expires 1945*.....Packard Bldg., Phila.  
WILLIAM NELSON WEST, III. *Term Expires 1946*.....1411 Walnut St., Phila.  
JOHN COLVIN WRIGHT *Term Expires 1947*.....116 E. Penn St., Beaford, Pa.

## FACULTY REPRESENTATIVES

*Term Expires 1945*  
DEAN P. LOCKWOOD

*Term Expires 1946*  
FRANK D. WATSON

*Chairman of Board*  
MORRIS E. LEEDS

*Secretary of Board*  
WILLIAM NELSON WEST, III

---

† Deceased, October 11th, 1944.

# STANDING COMMITTEES OF THE BOARD OF MANAGERS OF THE CORPORATION OF HAVERFORD COLLEGE

## *Executive Committee*

J. STODDELL STOKES, <i>Chairman</i>	WALTER C. JANNEY *
J. HENRY SCATTERGOOD	W. NELSON WEST, 3RD
JONATHAN M. STEERE	S. EMLEN STOKES
ALEXANDER C. WOOD	THOMAS W. ELKINTON
FREDERIC C. SHARPLESS	PAUL V. R. MILLER

## *Committee on Finance and Investments*

JONATHAN M. STEERE, <i>Chairman</i>	S. EMLEN STOKES
J. HENRY SCATTERGOOD	M. ALBERT LINTON
ALEXANDER C. WOOD	JOHN K. GARRIGUES <sup>1</sup>
WILLIAM B. BELL	

## *Committee on Audit and Accounts*

WILLIAM A. BATTEY, <i>Chairman</i>	HAROLD EVANS
FRANCIS R. TAYLOR	JOHN F. GUMMERE <sup>2</sup>
WILLIAM M. MAIER	JOHN COLVIN WRIGHT <sup>2</sup>

## *Committee on College Property and Farm*

HENRY C. EVANS, <i>Chairman</i>	EDWARD W. WOOLMAN
FREDERIC H. STRAWBRIDGE	ALFRED BUSSELLE
THOMAS W. ELKINTON	WILLIAM M. MAIER
WILLIAM A. BATTEY	OWEN B. RHODES
JOHN A. SILVER	

## *Committee on Honorary Degrees*

WILLIAM WISTAR COMFORT, <i>Chairman</i>	
L. HOLLINGSWORTH WOOD	STANLEY R. YARNALL
HENRY M. THOMAS	FRANCIS R. TAYLOR
M. ALBERT LINTON	

## *Counsel*

MACCOY, BRITTAIN, EVANS, AND LEWIS  
1632 Chestnut Street, Philadelphia

---

\* Deceased, October 11, 1944.

<sup>1</sup> Term Expired: Tenth Month, 1911.

<sup>2</sup> Term Began: Tenth Month, 1911.

## OFFICERS OF ADMINISTRATION

---

**FELIX M. MORLEY**

*A.B., Haverford College; B.A., Oxford University; Ph.D., Brookings Institution; LL.D., Hamilton College and University of Pennsylvania; Litt.D., George Washington University*  
President

**ARCHIBALD MACINTOSH**

*A.B., Haverford College; M.A., Columbia University*  
Vice President, and Director of Admissions

**THOMAS C. GIBB**

*A.B., Dickinson College; A.M., Haverford College*  
Acting Dean

**WILLIAM MINTZER WILLS**

*A.B., A.M., Haverford College*  
Registrar

**ALDO CASELLI**

*D. S. E. & C., University of Naples*  
Bursar

**DEAN PUTNAM LOCKWOOD**

*A.B., A.M., and Ph.D., Harvard University*  
Librarian

**ROBERT J. JOHNSTON \***

Superintendent

**HERBERT WILLIAM TAYLOR**

*A.B., Haverford College; M.D., University of Pennsylvania*  
Physician in Charge

**LOUIS C. GREEN**

*A.B., A.M., and Ph.D., Princeton University*  
Director of the Strawbridge Memorial Observatory

**THOMAS EDWARD DRAKE**

*A.B., Stanford University; M.A., University of Michigan; Ph.D., Yale University*  
Curator of the Quaker Collection

**BRINTON H. STONE**

*A.B., Johns Hopkins University; M.A., Columbia University*  
Assistant to the President

**CHARLES BYLES**

Steward

**AMY L. POST**

*A.B., Earlham College*  
Assistant Librarian

**MABEL S. BEARD**

*R.N., Lankenau Hospital*  
Resident Nurse

**MARY L. SCAIFE**

Administrative Secretary

---

\* Deceased, December 11, 1914.

SUMMARY OF THE ACCOUNT OF  
J. HENRY SCATTERGOOD, TREASURER  
OF  
THE CORPORATION OF HAVERFORD COLLEGE  
For the Year Ending Eighth Month 31, 1944

RECEIPTS

Income From Funds For General Purposes

General Endowment Fund .....	\$ 4,358.85
John Farnum Memorial Fund .....	1,368.13
John M. Whittall Fund .....	476.65
David Scull Fund .....	2,007.22
Edward L. Scull Fund .....	509.09
Wistar Morris Memorial Fund .....	230.45
Israel Franklin Whittall Fund .....	483.00
Jacob P. Jones Endowment Fund .....	58,298.39
John Farnum Brown Fund .....	12,359.62
Ellen Waln Fund .....	498.02
Clementine Cope Endowment Fund .....	962.86
Nathan Branson Hill Fund .....	126.00
Joseph E. Gillingham Fund .....	1,899.18
Henry Norris Fund .....	263.68
Elizabeth H. Farnum Fund .....	308.35
James R. Magee Fund .....	1,987.43
Albert K. Smiley Fund .....	67.20
Hinchman Astronomical Fund .....	1,770.20
W. D. & E. M. L. Scull Fund .....	7,819.87
Albin Garrett Memorial Fund .....	1,199.27
Arnold Chase Scattergood Memorial Fund .....	1,092.23
Frances B. Gummere Memorial Fund .....	5,625.20
Isaac Sharpless Memorial Fund .....	9,798.49
General Education Board Fund .....	5,647.93
William Penn Foundation .....	4,572.37
Walter Carrol Brinton Memorial Fund .....	632.80
Corporation Fund .....	3,584.25
Elizabeth J. Shortridge Fund .....	447.98
Howard Comfort Memorial Fund .....	225.21
Emma Ridgway Comly Fund .....	2,239.32
Ellen W. Longstreth Fund .....	4,784.63
Albert L. Baily Fund .....	223.99
Elizabeth B. Wistar Warner Fund .....	221.75
T. Allen Hilles Bequest .....	12,577.54
Leonard L. Grief & Roger L. Grief Fund .....	44.80
Edward M. Wistar Fund .....	111.99
Morris E. Leeds Fund .....	1,833.13
J. Henry Scattergood Fund .....	86.76

Forward .....

150,743.83

Forward .....		\$ 150,743.83
<u>Income From Fund for T. Wistar Brown</u> <u>Graduate School</u>		
Moses Brown Fund .....		15,858.04
<u>Income From Funds for Morris Infirmary</u>		
Infirmary Endowment Fund .....	432.45	
John W. Pinkham Fund .....	<u>226.65</u>	659.10
<u>Income From Fund for Haverford Union</u>		
Haverford Union Fund .....		84.17
<u>Income From Funds for Scholarships</u>		
Thomas P. Cope Fund .....	235.54	
Edward Yarnall Fund .....	271.89	
Isaiah V. Williamson Fund .....	887.77	
Richard T. Jones Scholarship Fund .....	226.51	
Mary M. Johnson Scholarship Fund .....	314.19	
Sarah Marshall Scholarship Fund .....	354.79	
Clementine Cope Fellowship Fund .....	1,023.44	
Isaac Thorne Johnson Scholarship Fund .....	362.97	
Caspar Wistar Memorial Fund .....	132.21	
J. Kennedy Moorhouse Scholarship Fund .....	230.97	
Louis Jaquette Palmer Scholarship Fund .....	223.99	
Paul W. Newhall Memorial Scholarship Fund .....	226.03	
Robert Martin Zuckert Memorial Scholarship Fund .....	719.72	
Samuel E. Hilles Scholarship Fund .....	224.76	
Class of 1913 Scholarship Fund .....	134.39	
Class of 1917 Scholarship Fund .....	121.35	
Daniel B. Smith Fund .....	106.55	
Sarah Tatum Hilles Memorial Scholarship Fund .....	2,926.50	
Elihu Grant Memorial Scholarship Fund .....	<u>36.42</u>	8,759.99
<u>Income From Funds for Library</u>		
Alumni Library Fund .....	781.05	
Mary Farnum Brown Library Fund .....	2,995.10	
William H. Jenks Library Funds .....	223.99	
Mary Wistar Brown Williams Library Fund .....	909.69	
Anna Yarnall Fund .....	7,716.17	
F. B. Gummere Library Fund .....	28.47	
Edmund Morris Fergusson, Jr. Memorial Fund .....	44.90	
Class of 1888 Library Fund .....	261.49	
Class of 1918 Library Fund .....	<u>56.16</u>	13,017.02
<u>Income From Funds for Old Style Pensions</u>		
President Sharpless Fund .....	1,847.32	
William P. Henzey Fund .....	1,646.70	
Jacob P. Jones Benefit Fund .....	3,051.32	
Pliny Earle Chase Memorial Fund .....	146.59	
Haverford College Pension Fund .....	<u>5,019.14</u>	11,711.07
Forward .....		200,833.22

Forward .....

\$200,833.22

Income From Funds for Special Purposes

Thomas Shipley Fund .....	235.10	
Elliston P. Morris Fund .....	50.48	
John B. Garrett Reading Prize Fund .....	101.79	
Special Endowment Fund .....	413.35	
Scholarship Improvement Prize Fund .....	102.89	
Elizabeth P. Smith Fund .....	78.13	
S. P. Lippincott History Prize Fund .....	114.09	
Francis Stokes Fund .....	229.38	
George Peirce Prize Fund .....	97.56	
Lyman Beecher Hall Prize Fund .....	96.54	
Newton Prize Fund .....	62.62	
Edward B. Conklin Athletic Fund .....	107.51	
Arboretum Fund .....	205.52	
William Ellis Scull Prize Fund .....	89.60	
Paul D. I. Maier Fund .....	44.80	
Strawbridge Observatory Maintenance Fund .....	172.00	
Jacob & Eugenie Bucky Memorial Foundation .....	97.13	
Mathematics Department Prize Fund .....	44.31	<u>2,342.80</u>

Income from the funds for the College .....

203,176.02

Income from Special Trust

Augustus Taber Murray Research Scholarship Fund .....	<u>1,050.66</u>
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Total Income from All Funds .....

204,226.68

Income from College Sources

From Regular Students		
Tuition - Cash .....	37,930.42	
Scholarships Donated .....	2,538.00	
Scholarships from Funds .....	<u>12,116.15</u>	52,584.57
Board - Cash .....	27,931.48	
Donated .....	<u>296.00</u>	28,227.48
Room Rents .....		13,441.68
Re-examination Fees .....		178.00
Miscellaneous Fees .....		435.80
Board of Professors .....		3,263.99
Rentals .....		13,574.54
Infirmary .....		306.39
Library .....		1,434.23
Biological Laboratory .....		805.40
Chemical Laboratory .....		2,420.35
Physics Laboratory .....		1,454.83
Engineering Laboratory .....		994.25
Observatory .....		11.94
Mathematics .....		<u>18.27</u>
		119,151.72

Accelerated Summer Term 1943, Completed

Additional Receipts in 1943-44		
Tuition - Cash .....	844.95	
Scholarships Donated .....	<u>140.00</u>	984.95
Board .....		780.00
Room Rents .....		<u>401.99</u>
		2,166.94

Forward .....

325,545.34

Forward .....

\$325,545.34

Reconstruction and Relief Unit

Tuition .....	7,633.75	
Board .....	5,748.00	
Room Rents .....	1,957.50	
Donations Applied .....	<u>813.72</u>	16,152.97

Premeteorological Unit, Completed

(Government audit not yet completed)

Additional from Government

Activating Costs .....	1,368.15	
Use of Facilities .....	9,982.95	
Instruction .....	59,276.86	
Add Transfers .....	<u>526.11</u>	59,802.97
Medical .....	1,677.69	
Subsistence .....	38,437.07	
Maintenance & Operation .....	11,657.35	
(With receipts of last year   \$144,237.32		
this makes grand total of   \$267,163.50) .....		<u>122,926.18</u>

From the Government for Use of Facilities  
and Depreciation

Premeteorological Unit .....	19,544.27	
A. S. T. P. Units .....	<u>14,630.40</u>	34,174.67

Accelerated Summer Term 1944, Uncompleted

Tuition - Cash .....	9,926.00	
Scholarships Donated .....	390.50	
Scholarships from Funds .....	<u>2,310.00</u>	12,628.50
Board .....	6,837.00	
Room Rents .....	3,557.53	
Fees for use of Swimming Pool .....	<u>185.50</u>	23,206.53

Army Specialized Training Program (Uncompleted)

From the Government:

Activating Costs .....	6,347.83	
Use of Facilities .....	10,626.90	
Instruction .....	59,084.12	
Medical .....	5,013.31	
Subsistence .....	55,906.15	
Maintenance and Operation .....	18,609.10	
Books .....	<u>4,452.35</u>	
Sale of Material .....	<u>1.75</u>	160,041.51

Donations other than for Funds

Income from Executor for		
Sarah Tatum Hilles Memorial Fund .....	339.99	
For Prizes - Class of 1902 Prize for Latin .....	9.00	
For Library - Matzke Royalties .....	32.45	
Minor Library Donations .....	66.60	
Library Associates .....	1,004.00	
For London Times .....	<u>25.00</u>	1,128.05
Forward .....	1,477.04	682,047.20



Forward .....

\$682,047.20

Donations other than for Funds (continued)

Forward .....	1,477.04	
Carnegie Gift for Music .....		
Miscellaneous Collections .....	50.50	
For Italian Understanding .....	100.00	
For Campus Club .....	199.05	
For Care of Cope Field .....	50.00	
For Radio Club - interest added .....	59.84	
For Electronics Equipment .....	2,500.00	
For Engineering Equipment .....	150.00	
For Chemical Laboratory Equipment .....	25.00	
For General Purposes .....	10.00	
For Emergency Aid to Professors .....	20.00	
For Field House .....	1,391.75	
For Undesignated Purpose - Class of 1928 .....	37.50	
For Faculty Salaries .....	450.00	
For Administrative Salaries .....	770.00	
For Reconstruction and Relief .....	800.00	
For Scholarships .....		
Anonymous .....	40.00	
Anonymous .....	200.00	
Anonymous .....	600.00	
Anonymous .....	1,000.00	
E. M. Cook .....	150.00	
Wyomissing Foundation .....	600.00	
Jansen Foundation .....	300.00	
Board of Methodist Church .....	100.00	
Guggenheim Foundation .....	200.00	
Mrs. Wm. H. Collins .....	296.00	3,486.00
For Triangle Society Gift .....	122.96	
For Triangle Society Gift - Pew Gift * .....	75.00	197.96
For New Library Addition .....	15.00	11,789.64

Additions to the Funds

James R. Magee Fund - from Executor .....	449.89	
Centenary Fund - donated .....	50.00	
Ellen W. Longstreth Fund - realized on legacy .....	258.00	
J. Henry Scattergood Fund - donated .....	340.00	
Moses Brown Fund - Income transferred .....	1,585.80	
Isaac Thorne Johnson Fund - Income transferred .....	362.97	
Robert Martin Zuckert Fund - donated .....	1,000.00	
Class of 1917 Scholarship Fund - donated .....	657.50	
Daniel B. Smith Fund (new) - donated .....	2,500.00	
Sarah Tatum Hilles Mem. Scholarship Fund (new)-bequest .....	75,534.58	
Elihu Grant Memorial Scholarship Fund (new) - donated .....	2,078.73	
Mary Farnum Brown Library Fund - Income transferred .....	325.53	
Class of 1888 Library Fund - donated .....	100.00	
George Peirce Prize Fund - Income transferred .....	97.56	
Mathematics Department Prize Fund - Income transferred .....	19.31	
Mathematics Department Prize Fund - donated .....	125.00	85,484.87

Reduction of Funds

Transfer to Corporation for debt balance of Centenary Fund .....	281.06
Forward .....	779,602.77

\*The above is a dividend of \$75.00 on 150 shares of Sun Oil Stock, valued at 57-1/8, making \$8,568.75 donated by Joseph N. Pew, Jr. for social, economic and historical research.

Forward .....

\$779,602.77

Miscellaneous Receipts

Net Receipts from Skating Pond .....	640.59	
Insurance Collected - on books lost in fire .....	19.00	
Griffin Lane Advances returned .....	1,452.89	
Student Reimbursement Insurance .....	455.00	
Student Store - on account of loans .....	759.15	
Student Activities Account - fees collected .....	1,716.93	
Language House Alterations - reserve applied .....	511.87	
Kitchen Improvements - reserve applied .....	2,501.03	
Government Taxes withheld .....	<u>52,344.99</u>	60,401.45*

Items relating to other Years

Old Bill Collected .....	80.00	
Coal for 1943-44, bought in advance applied .....	1,374.68	
Reserve for Government Contract		
Premeteorology Unit .....	16,200.26	
Prepaid Insurance applied .....	<u>2,543.32</u>	20,198.26

Investments Realized

Consolidated Investments Account			
Bonds - Government .....	9,485.18		
Industrial .....	1,025.00		
Public Utility .....	34,590.82		
Railroad .....	<u>313,560.14</u>	358,661.14	
Stocks - Preferred			
Public Utility .....	21,265.39		
Railroad .....	<u>15,903.84</u>	37,169.23	
Stocks - Common			
Industrial .....	34,604.08		
Public Utility .....	41,233.19		
Railroad .....	1,129.01		
Miscellaneous .....	<u>51.65</u>	77,017.93	
Mortgages - Received on a/c .....		85,747.14	
Real Estate			
Sold .....	54,036.63		
Sundry receipts .....	<u>544.35</u>	54,580.98	
Miscellaneous .....	<u>799.07</u>	613,975.49	
John Farnum Memorial Fund .....		3,067.22	
Nathan Branson Hill Fund			
(First Bank & Trust Co. of Minneapolis, Trustee)			
(Entered short) \$11.50			
Elizabeth H. Farnum Fund			
(Provident Trust Co. Trustee)			
(Entered short) \$1525.			
Ellen W. Longstreth Agency a/c .....		568.04	
Ellen W. Longstreth-Mary Pearsall Agency a/c .....		<u>344.52</u>	617,955.27

Money Borrowed Temporarily ..... 46,000.00

Balances 9th Month 1, 1943:

In Treasurer's Account .....	125,890.21	
In President's Account .....	<u>54,539.77</u>	180,429.98

\$1,704,587.73

\*Note: The United States Office of Education has conducted Engineering and Management Defense Training at the College to an amount of \$7,866.65 net for 1942-43 and \$7,352.77 net for 1943-44.

# EXPENDITURES

1943 - 1944

## Expenses of Running the College

Salaries - Instruction .....	145,043.97	
Library .....	13,185.19	
Administration & General .....	22,882.80	181,111.96
Pension Contributions .....		3,320.26
Wages - Power Plant .....	2,972.30	
Residence Halls .....	17,813.63	
Dining Room & Kitchen .....	9,072.82	29,858.75
Provisions .....		18,684.53
Family Expenses & Furniture .....		10,552.74
Educational Miscellaneous .....		4,114.42
Fuel and Light .....		7,333.90
Water .....		1,429.34
Lawn & Garden .....		3,517.33
Infirmary .....		1,757.81
Haverford Union .....		2.50
Library .....		2,261.18
Biological Laboratory .....		741.82
Chemical Laboratory .....		2,376.15
Physics Laboratory .....		1,490.94
Engineering Laboratory .....		975.99
Music Department .....		34.55
Observatory .....		2.06
Gymnasium and Athletics .....		3,432.75
Printing and Advertising .....		2,429.27
Haverford Review .....		962.93
Entertainment Expense .....		840.23
Repairs and Improvements .....		15,561.65
Interest .....		5,094.16
Taxes .....		1,866.32
Insurance .....		5,328.82
Secretary and Treasurer's Expenses .....	4,325.75	
Auditing Expense .....	550.00	
Contribution to Haverford Meeting .....	100.00	4,975.75
Contribution to American Academy at Rome ...	50.00	
Contribution to American School at Athens ...	25.00	
Contribution to School of Oriental Research, Jerusalem .....	25.00	100.00
Rentals - W. D. & E. M. L. Scull Fund .....	340.00	
Government House .....	2,400.00	
Language House .....	1,200.00	
Science House .....	700.00	
#1 College Circle .....	1,200.00	5,840.00
Regular Expenses of Running the College .....		315,998.11
(Apart from uncompleted Accelerated Summer Term 1944, and A.S.T.P. Army Unit, uncompleted.)		
Add		
Stork Art Gift, shortage of income to meet interest charge ...	999.00	
Third 1/6 cost of Language House Alterations .....	511.87	
Third 1/6 cost of Kitchen Alterations .....	2,501.03	
Old Style Pensions - professors .....	20,231.61	
Employee Pensions .....	1,625.00	
Annuity .....	1,600.00	27,468.51
Expense of College for Regular Students, (forward)		343,466.62

Forward .....

\$343,466.62

Accelerated Summer Term 1943, completed

(Additional net expenses as follows:)

Salaries - Faculty .....	7,181.93	
Library .....	453.75	
Administrative .....	550.00	8,185.68
Wages - Power Plant .....	197.70	
Residence Halls .....	556.50	
Dining Room & Kitchen .....	1,035.46	1,789.66
Provisions .....		1,618.50
Family Expenses and Furniture .....		30.28
Fuel and Light .....		815.50
Water .....		126.67
Infirmary .....		72.95
Lawn and Garden .....		98.71
Gymnasium and Athletics .....		70.06
Printing and Advertising .....		24.50
Repairs and Improvements .....		541.66
		13,374.17
(Deducting these from the balance carried over from 1942-43 and the receipts collected in 1943-44 leaves a final credit balance of \$10,554.54)		

Reconstruction and Relief Unit

Faculty Salaries .....	6,878.33	
Other Salaries and Wages .....	1,595.84	
Supplies .....	15.24	
Travel Expense .....	97.26	8,586.67

Premeteorological Unit, Completed

Activating Costs .....	7,845.96	
Obstacle Course transferred from previous separate item .....	334.66	8,180.62
Use of Facilities, transferred to separate account .....		19,544.27
Instruction		
Salaries .....	49,624.54	
Administrative Salaries .....	3,812.50	
Books .....	1,176.90	
Educational Miscellaneous .....	1,761.85	
Biology Laboratory .....	170.43	
Physics Laboratory .....	40.50	56,586.72
Medical .....		937.96
Subsistence		
Provisions .....	26,473.56	
Dining Room and Kitchen Wages ..	7,282.53	33,756.09
Maintenance and Operation		
Residence Hall Wages .....	4,287.89	
Family Expenses and Furniture ..	-326.88	
Fuel and Light .....	4,409.51	
Power House Wages .....	1,287.78	
Water .....	807.25	
Lawn and Garden .....	770.66	
Gymnasium and Athletics .....	-26.56	
Forward .....	11,209.65	119,005.66
		365,427.46

Forward .....			\$365,427.46
<u>Premeteorological Unit, Completed (continued)</u>			
Forward .....	11,209.65	119,005.66	
Printing and Advertising .....	-64.75		
Repairs and Improvements .....	3,293.84		
Obstacle Course transfer as above to Activating Costs .....	-334.66	14,104.08	133,109.74
Reserve - pending negotiation of termination of contract .....		16,200.26	149,310.00
(With expenditures of last year \$117,852.50 this makes a grand total of \$250,963.24)			
<u>Accelerated Summer Term 1944, Uncompleted</u>			
Salaries - Faculty .....	11,456.93		
Library .....	121.40	11,578.33	
Less - Administrative .....	52.99		11,525.34
Wages - Power Plant .....	578.15		
Residence Halls .....	1,014.66		
Dining Room and Kitchen .....	2,265.86		3,858.67
Provisions .....			1,419.87
Family Expenses and Furniture .....			42.33
Fuel and Light .....			802.46
Infirmary .....			251.81
Library .....			94.14
Repairs and Improvements .....			71.30
Swimming Pool Expense .....		225.00	18,290.92
(Credit balance Accelerated Summer Term 1944 carried forward - \$4,915.61)			
<u>Army Specialized Training Program (Uncompleted)</u>			
Activating Costs .....		7,095.04	
Use of Facilities .....		10,626.90	
Instruction - Salaries (instructional and supervisory) .....	66,621.98		
Books .....	5,468.65		
Freight on Books .....	101.94		
Expendables (Educational Misc. & Laboratory a/c's) .....	1,775.28	7,345.87	
Depreciation of Equipment .....	1,600.95		
Physical Education .....	453.58		
Library .....	955.56	76,977.94	
Medical .....		6,452.93	
Subsistence - Provisions .....	38,531.58		
Supplies .....	4,025.39		
Wages .....	12,204.38		
Depreciation of Dining Room Equipment .....	1,270.83	56,036.18	
Maintenance and Operation Repairs & Improvements - Supplies ....	1,291.89		
Salary - Wages - Repairs & Improvements .....	7,003.37		
Janitors .....	5,255.68		
Lawn & Garden .....	1,822.88		
Supervisory .....	1,306.54		
Forward .....	16,680.36	157,188.99	533,028.38

Forward .....		\$533,028.38
<u>Army Specialized Training Program (Uncompleted) (continued)</u>		
Forward .....	\$16,680.36	157,188.99
Utilities - Electricity .....	1,536.08	
Water .....	741.10	
Heat - Salaries .....	2,758.49	
Coal .....	5,406.30	
Repairs .....	329.63	
Supplies - Family Expense & Furniture ..	807.40	
Telephone .....	40.22	
Laundry and dry cleaning .....	127.44	
Physical Education .....	2,804.97	
Insurance .....	359.61	
Depreciation .....	217.10	31,808.70
Reserve for Further Negotiation .....	800.00	189,797.69
(Debit balance Army Specialized Training Program carried forward - \$29,756.18)		
<u>Expenditures from Income of Funds for Scholarships &amp; Fellowships</u>		
General Endowment Fund .....	1,025.00	
Jacob P. Jones Endowment Fund .....	6,822.60	
Joseph E. Gillingham Fund .....	600.00	
Moses Brown Fund - at Haverford .....	2,250.00	
at Pendle Hill .....	350.00	
Thomas P. Cope Fund .....	225.00	
Edward Yarnall Fund .....	435.00	
Isaiah V. Williamson Fund .....	850.00	
Mary M. Johnson Scholarship Fund .....	300.00	
Sarah Marshall Scholarship Fund .....	450.00	
Caspar Wistar Memorial Fund .....	100.00	
Robert Martin Zuckert Memorial Scholarship Fund	950.00	
Samuel E. Hilles Scholarship Fund .....	325.00	
Class of 1913 Scholarship Fund .....	23.55	14,706.15
<u>Expenditures from Income of Special Trust</u>		
Augustus Taber Murray Research Scholarship Fund .....		980.00
<u>Expenditures from Income of Funds for Library</u>		
W. D. & E.M.L. Scull Fund .....	181.87	
Ellen W. Longstreth Fund - Quakeriana Books ..	294.58	
Mary Farnum Brown Library Fund		
Books - General .....	2,243.71	
Books - Christian Knowledge .....	287.06	
Speaker .....	138.80	
William H. Jenks Library Fund - Books .....	74.40	
Mary Wistar Brown Williams Library Fund-Books	303.05	
Anna Yarnall Fund - Books .....	2,289.62	
F. B. Gummere Library Fund - Books .....	43.10	
Edmund Morris Fergusson, Jr. Memorial Fund - Books .....	54.06	
Class of 1918 Library Fund - Books .....	85.43	5,995.68
Forward .....	21,681.83	722,826.07

Forward ..... \$21,681.83 \$722,826.07

Expenditures from Income of Special Funds

Thomas Shipley Fund - Lecture and Special Enterprises .....	244.81		
Elliston P. Morris Fund - Books .....	24.26		
Special Endowment Fund ..			
Friends' Council on Education .....	25.00		
Religious Education Committee .....	200.00		
Scholarship Improvement Prize Fund - Prizes ..	95.00		
S. P. Lippincott History Prize Fund - Books ...	14.36		
Francis Stokes Fund - for Campus Club work ..	8.18		
Newton Prize Fund - Prize .....	50.00		
William Ellis Scull Fund - Prizes .....	60.00		
Paul D. I. Maier Fund - Prizes .....	20.00		
Strawbridge Observatory Maintenance Fund ...	163.85		
Jacob & Eugenie Bucky Memorial Foundation ..	97.13		
Mathematics Department Prize Fund - Prizes ..	25.00	1,027.59	22,709.42

Spent from Donations

For Library			
Books from Matzke royalties .....	23.36		
Books from Carnegie Corporation Gift .....	67.17		
Books from Dr. Arthur's Gift .....	76.79		
Books from Minor Library donations .....	90.95		
Books from Library Associates .....	185.44		
Binding of Dr. Jones' Library .....	98.20	541.91	
For Music from Carnegie Corporation Gift .....		3,304.09	
For Campus Club's work .....		199.05	
For Chemical Laboratory Equipment .....		1,301.01	
For Emergency Aid to Professors .....		19.96	
For Field House - Invested in U.S. Bonds .....		1,298.00	
From Bucky Foundation Gift			
Reconstruction and Relief Scholarship .....	300.00		
Reconstruction and Relief Miscellaneous ...	228.53		
Books .....	196.20		
Equipment and Supplies for its Office .....	82.43		
	807.16		
Less Income Bucky Foundation Fund used ...	97.13	710.03	
For Premeteorological Unit Award .....		25.00	
For Lecture on Finland .....		74.00	
For Care of Cope Field .....		95.00	
For Reconstruction and Relief, balance of			
Wyomissing and Janssen Foundation Gifts .....		13.72	
For Furnishing Government House, balance of			
Gift of National Foundation for Education .....		22.96	
For Reconstruction and Relief .....		800.00	
For Scholarships - from Alvord Foundation			
Gift .....	450.00		
For Scholarships -			
Anonymous for Summer Term .....	220.00		
Anonymous for Special Scholarships .....	988.00		
From Gift of Wyomissing and Janssen			
Foundations .....	770.50		
From Gift of Board of Education			
Methodist Church .....	100.00		
From Anonymous Gift .....	200.00		
From Gift of Guggenheim Foundation .....	200.00		
From Gift of Mrs. W. H. Collins .....	296.00	3,224.50	
Forward .....		11,629.23	745,535.49

Forward .....		\$745,535.49
<u>Spent from Donations (continued)</u>		
Forward .....	11,629.23	
Balance of Beth Shemesh Fund transferred to start Elihu Grant Memorial Fund .....	803.73	
Balance of Class of 1917 Gift for Scholarship transferred to Principal of Fund .....	142.50	
From Triangle Society Gift (1)		
For William Henry Chamberlin lecture expense .....	947.58	
Toward Rent in Sharpless House .....	310.00	
For Collection Speakers' Expense .....	278.65	
For Association of College Presidents .....	200.00	
For Army Fund (Special P.M.) .....	210.41	
For Government House Maintenance .....	91.93	
For Model League of Nations, Delegates .....	25.00	
For Government Conference, Travel .....	54.00	
For Haverford News .....	50.00	
For A.S.T.P. Entertaining .....	14.00	
For Entertaining visiting professor .....	12.50	
For Two Engraved Plates .....	18.26	
For Special Equipment Dining Room .....	67.55	2,279.88
From Triangle Society Gift (2) Pew Gift		
Salaries for Special Research Work .....	1,320.00	
Salary for Reconstruction & Relief .....	100.00	
Allowance for Gov't. Contract Work .....	500.00	
Educational Misc. to reduce its cost .....	500.00	
Travel Expenses, sundry persons .....	416.59	
Entertainment A.S.T.P. ....	15.50	
United Nations Information Bureau .....	1.00	
Col. Beukema Testimonial .....	4.91	
Books & Magazines .....	34.70	
Telegrams & Phones .....	10.79	2,903.49
		17,758.83
<u>For New Construction</u>		
Library Addition, completed (from M.E. Leeds' gift) (Final cost \$126,963.18) .....	31.98	
Library Quakeriana Room, completed (from M.E. Leeds' gift) (Final cost \$28,360.94) .....	24.75	56.73
<u>Principal of Centenary Fund</u>		
Transferred to Corporation on a/c debt .....		281.06
<u>Miscellaneous Expenditures</u>		
Books lost in fire at Haverford School .....	19.00	
Advances made to Griffin Lane Apartments .....	675.10	
Student Reimbursement Insurance .....	494.00	
Haverford Student's Store - advances made .....	79.17	
Student Activities Account		
Debating .....	164.90	
Athletic Association .....	245.00	
Cap and Bells .....	122.50	
Haverford News .....	399.13	
Student Association .....	85.50	
Radio Club .....	161.00	
Class Book .....	26.25	1,204.28
Withholding Taxes withheld and paid	47,921.01	50,392.56
Forward .....		814,024.67



Forward .....	\$814,024.67
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Items Relating to other Fiscal Years

Reserve for Receipts in Advance .....	2,689.22	
Advances to be Refunded .....	496.99	
Insurance prepaid .....	3,863.41	
Expenses for following year - Griffin Lane .....	207.99	
Room Rents received in advance applied .....	120.00	
Coal bought in advance for 1944-45 .....	<u>4,878.20</u>	12,255.81

Investments Made

Consolidated Investments Account

Bonds - Government .....	125,046.88	
Industrial .....	4,907.25	
Public Utility .....	34,406.25	
Railroad .....	<u>22,327.66</u>	186,688.04
Preferred Stocks -		
Public Utility .....		24,272.03
Common Stocks -		
Bank & Insurance .....	36,029.98	
Industrial .....	312,572.20	
Public Utility .....	100,734.11	
Railroad .....	<u>37,281.47</u>	486,617.76
Mortgages .....		21,900.00
Real Estate - Charges to Principal .....	<u>143.50</u>	719,621.33
Ellen W. Longstreth - Mary Pearsall		
Agency a/c .....		148.43
Anna Yarnal Agency a/c .....		<u>.50</u>
		719,770.26

Income transferred to Principal

Moses Brown Fund .....	1,585.80	
Isaac Thorne Johnson Fund .....	362.97	
Mary Farnum Brown Library Fund .....	325.53	
George Peirce Prize Fund .....	97.56	
Mathematics Department Prize Fund .....	<u>19.31</u>	2,391.17

Money Borrowed Temporarily

Paid off in full .....	46,000.00
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Balances 8th Month 1, 1944

In Treasurer's Account .....	94,632.64	
In President's Account .....	<u>15,513.18</u>	110,145.82
		<u>\$1,704,587.73</u>

# FINANCIAL STATEMENT

For the Year Ending 8th Month 31, 1944

## Net Cash Receipts at College

As per foregoing statement:

(a) For regular students . . . . .	\$119,151.72		
Less Tuition and Board provided by Scholarships			
From Funds . . . . .	\$12,046.15		
From Donations . . . . .	<u>2,834.00</u>	<u>14,880.15</u>	\$104,271.57
(b) Accelerated Summer Term 1934, completed			
Receipts 1942-43 (see last year's report) . . .	35,772.53		
Receipts 1943-1944 . . . . .	<u>2,166.94</u>		37,939.47
(c) Reconstruction and Relief Unit . . . . .			16,152.97
(d) Premeteorological Unit, completed			
Received from Government 1942-43 (see last year's report) . . . . .	144,237.32		
Received from Government 1943-44 . . . . .	<u>122,926.18</u>		267,163.50
(e) Received from Government for Use of Facilities			
Premeteorological Unit . . . . .	19,544.27		
A. S. T. P. Units . . . . .	<u>14,630.40</u>	<u>34,174.67</u>	\$459,702.18

## Income from Funds, Donations, etc.

(Applicable to Operating Account after capitalizing and special purposes)			
Income from Funds . . . . .	186,642.42		
Less income used for Scholarships			
1944 Accelerated Summer Term . . . . .	<u>2,310.00</u>	184,332.42	
Donations for Scholarships . . . . .		2,834.00	
Donations for Salaries and general purposes . . .		<u>1,230.00</u>	188,396.42
			648,098.60

## Expenses of Running the College

(a) Regular Expenses as per foregoing statement	315,998.11		
Add:			
Stork Art Gift, interest on overdraft not covered by income . . . . .	999.00		
Third 1/6 cost of Alterations to Language House . . . . .	511.87		
Third 1/6 cost of Kitchen Alterations . . . . .	2,501.03		
Old Style Pensions to Retired Faculty . . . . .	20,231.61		
Employee Pensions . . . . .	1,625.00		
Annuity . . . . .	<u>1,600.00</u>	343,466.62	
(b) Accelerated Summer Term 1943 completed			
Spent 1942-43 (see last year's report) . . . . .	14,010.76		
Spent 1943-44 . . . . .	<u>13,374.17</u>	27,384.93	
(c) Reconstruction and Relief Unit . . . . .		8,586.67	
(d) Premeteorological Unit, completed			
Spent 1942-43 (see last year's report) . . . . .	117,853.50		
Spent 1943-44 . . . . .	133,109.74		
Reserve for negotiation of termination of contract . . . . .	<u>16,200.26</u>	<u>267,163.50</u>	646,601.72
Operating Gain for 1943-44			<u>\$ 1,496.88</u>

# STATEMENT OF DEBT OF THE CORPORATION

8th Month 31, 1944

Debt of the Corporation 9th Month 1, 1943		106,476.80
Decreased during the year: -		
By Old Bill collected	80.00	
By Donations for deficit on Library		
New Stack Addition	15.00	
By use of Balance of Centenary Fund	281.06	
By Operating Gain 1943-44	<u>1,496.88</u>	<u>1,872.94</u>
Debt 8th Month 31, 1944		\$ 104,603.86

Incurred as follows: -

Accumulated deficits		24,772.16
Campus Dwellings (not covered by Donations)		
#1 College Circle	14,689.98	
#3 College Circle	9,616.17	
#4 College Circle	10,938.46	
#5 College Circle	8,717.69	
791 College Avenue (Sharpless House)	14,412.29	
781 College Avenue (formerly Babbitt House)	8,203.41	
521 Panmure Road (Science House)	<u>13,253.70</u>	<u>79,831.70</u>
		<u>\$104,603.86</u>

Note: - The Investment of the Funds in College Lane Real Estate and eight dwellings remains the same, being \$201,500. in Consolidated Investments Account.

# REPORT ON FUNDS

	PRINCIPAL				INCOME				
	Book Value 9/1/43	Increased	Decreased	Book Value 8/31/44	Balance 9/1/43	Net Income	Used for College Expenses	Special Expenditures	Balance 8/31/44
<b>Funds for General Purposes</b>									
General Endowment Fund .....	\$ 93,753.86			\$ 93,753.86		\$ 4,358.85	\$ 3,333.85	\$ 1,025.00 Scholarships	
John Farnum Memorial Fund .....	34,999.92	\$ 415.74		35,410.66		1,368.13	1,368.13		
John H. Whitall Fund .....	10,252.18			10,252.18		476.65	476.65		
David Scull Fund .....	43,173.04			43,173.04		2,007.22	2,007.22		
Edward L. Scull Fund .....	10,950.03			10,950.03		509.09	509.09		
Wistar Morris Memorial Fund .....	4,956.69			4,956.69		230.45	230.45		
Israel Franklin Whitall Fund .....	10,388.86			10,388.86		483.00	483.00		
Jacob P. Jones Endowment Fund .....	1,253,930.25			1,253,930.25		58,298.39	51,475.79	6,822.60 Scholarships	
John Farnum Brown Memorial Fund .....	265,841.10			265,841.10		12,359.62	12,359.62		
Ellen Waln Fund .....	10,711.80			10,711.80		498.02	498.02		
Clementine Cope Endowment Fund .....	20,710.06			20,710.06		962.86	962.86		
Nathan Branson Hill Fund .....	5,097.41			5,097.41		126.00	126.00		
Joseph E. Gillingham Fund .....	40,849.10			40,849.10		1,899.18	1,299.18	600.00 Scholarships	
Henry Norris Fund .....	5,671.42			5,671.42		263.68	263.68		
Elizabeth H. Farnum Fund .....	9,624.66			9,624.66		308.35	308.35		
James R. Magee Fund .....	42,559.81	449.89		43,009.70		1,987.43	1,987.43		
Albert K. Smiley Fund .....	1,445.31			1,445.31		67.20	67.20		
Hinchman Astronomical Fund .....	38,074.84			38,074.84		1,770.20	1,770.20		
W. D. & E. M. L. Scull Fund .....	168,196.24			168,196.24	\$ 500.00	7,819.87	7,298.00	{ 181.87 Books 340.00 Rent	\$500.00
Albin Garrett Memorial Fund .....	25,795.00			25,795.00		1,199.27	1,199.27		
Arnold Chase Scattergood Fund .....	23,492.69			23,492.69		1,092.23	1,092.23		
Francis B. Gummere Memorial Fund .....	120,991.54			120,991.54		5,625.20	5,625.20		
Isaac Sharpless Memorial Fund .....	210,754.11			210,754.11		9,798.49	9,798.49		
General Education Fund .....	121,480.36			121,480.36		5,647.93	5,647.93		
Centenary Fund .....	231.06	50.00	\$ 281.06						
William Penn Foundation .....	98,346.29			98,346.29		4,572.37	4,572.37		
Walter Carroll Brinton Memorial Fund .....	13,610.80			13,610.80		632.80	632.80		
Corporation Fund .....	77,093.02			77,093.02		3,584.25	3,584.25		
Elizabeth J. Shortridge Fund .....	9,635.43			9,635.43		447.98	447.98		
Howard Comfort Memorial Fund .....	4,844.02			4,844.02		225.21	225.21		
Emma Ridgway Comly Fund .....	48,165.07			48,165.07		2,239.32	2,239.32		
Ellen W. Longstreth Fund .....									
In Consolidated a/c .....	98,393.75	1,033.72	11.59	99,415.88		4,784.63	4,490.05	294.58 Books	
E. W. Longstreth Agency a/c .....	1,578.04		1,564.00	14.04					
Mary Pearsall Agency a/c .....	6,228.32	11.59	359.61	5,880.30					
Albert L. Baily Fund .....	4,817.71			4,817.71		223.99	223.99		
Elizabeth B. Wistar Warner Fund .....	4,769.54			4,769.54		221.75	221.75		
T. Allen Hilles Bequest .....	270,528.30			270,528.30		12,577.54	12,577.54		
Leonard L. Greif, Jr. & Roger L. Greif Fund .....	963.54			963.54		44.80	44.80		
Edward M. Wistar Fund .....	2,408.86			2,408.86		111.99	111.99		
Morris E. Leeds Fund .....	39,428.52			39,428.52		1,833.13	1,833.13		
J. Henry Scattergood Fund .....	1,639.41	3,256,376.96	340.00	1,979.41	3,256,461.64	86.76	86.76		
<b>Funds for Wistar Brown Graduate School</b>									
Moses Brown Fund .....	341,087.90	341,087.90	1,585.80	342,673.70	342,673.70	15,858.04	11,572.24	2,600.00 Scholarships 100.00 Appropriations 1,585.80 Capitalized	
<b>Funds for Morris Infirmary</b>									
Infirmary Endowment Fund .....	9,301.50			9,301.50		432.45	432.45		
John W. Pinkham Fund .....	4,875.05	14,176.55		4,875.05	14,176.55	226.65	226.65		
<b>Fund for Haverford Union</b>									
Haverford Union Fund .....	1,810.33	1,810.33		1,810.33	1,810.33	84.17	84.17		
<b>Funds for Scholarships</b>									
Thomas P. Cope Fund .....	5,066.13			5,066.13	30.52	235.54		225.00 Scholarships	41.06
Edward Yarnall Fund .....	5,847.96			5,847.96	356.75	271.89		435.00 Scholarships	193.64
Isaiah V. Williamson Fund .....	19,094.90			19,094.90	313.19	887.77		850.00 Scholarships	350.36
Forward .....	\$ 30,008.99	\$3,613,451.74	\$3,886.74 \$2,216.26	\$ 30,008.99	\$3,615,122.22	\$1,200.46	\$168,740.34	\$153,795.29 \$15,059.85	\$1,255.66

REPORT ON FUNDS (Continued)

	PRINCIPAL				INCOME				
	Book Value 9/1/43	Increased	Decreased	Book Value 8/31/44	Balance 9/1/43	Net Income	Used for College Expenses	Special Expenditures	Balance 8/31/44
Forward .....	\$3,613,451.74	\$3,886.74	\$2,216.26	\$3,615,122.22	\$1,200.46	\$168,740.34	\$153,795.29	\$15,059.85	\$1,085.66
<u>Funds for Scholarships (continued)</u>									
Forward .....	\$30,008.99			\$30,008.99					
Richard T. Jones Scholarship Fund .....	4,871.92			4,871.92	162.62	226.51			339.13
Mary M. Johnson Scholarship Fund .....	6,757.92			6,757.92	120.32	314.19		300.00 Scholarships	134.51
Sarah Marshall Scholarship Fund .....	7,631.02			7,631.02	174.97	354.79		450.00 Scholarships	79.76
Clementine Cope Fellowship Fund .....	22,012.96			22,012.96	1,539.74	1,023.44			2,563.18
Isaac Thorne Johnson Scholarship Fund .....	7,807.11	362.97		8,170.08		362.97		362.97 Capitalized	
Caspar Wistar Memorial Fund .....	2,843.61			2,843.61	173.07	132.21		100.00 Scholarships	205.28
J. Kennedy Moorhouse Scholarship Fund .....	4,967.88			4,967.88	57.91	230.97			288.88
Louis Jaquette Palmer Scholarship Fund .....	4,817.71			4,817.71	56.44	223.99			280.43
Paul W. Newhall Memorial Scholarship Fund .....	4,861.65			4,861.65	156.22	226.03			382.25
Robert Martin Zuckert Mem. Scholarship Fund ...	14,813.65	1,000.00		15,813.65	413.17	719.72		950.00 Scholarships	182.89
Samuel E. Hilles Scholarship Fund .....	4,834.39			4,834.39	122.74	224.76		325.00 Scholarships	22.50
Class of 1913 Scholarship Fund .....	2,890.62			2,890.62	87.02	134.39		23.55 Scholarships	197.86
Class of 1917 Scholarship Fund .....	2,357.35	657.50		3,014.85		121.35			121.35
Daniel B. Smith Fund .....	2,500.00	2,500.00		2,500.00		106.55			106.55
Sarah Tatum Hilles Memorial Scholarship Fund ..	75,534.58	75,534.58		75,534.58		2,926.50			2,926.50
Elihu Grant Memorial Scholarship Fund .....	2,078.73	2,078.73		2,078.73		36.42			36.42
Augustus Taber Murray Research Scholarship Fund	121,476.78			203,610.56					
	20,914.34			20,914.34	-511.04	1,050.66		980.00 Annuity	-440.38
<u>Funds for the Library</u>									
Alumni Library Fund .....	16,799.42			16,799.42		781.05	781.05		
Mary Farnum Brown Library Fund .....	64,421.29	325.53		64,746.82		2,995.10		2,530.77 Books	
William H. Jenks Library Fund .....	4,817.71			4,817.71				138.80 Speaker's Expenses	
Mary Wistar Brown Williams Library Fund .....	19,566.40			19,566.40	161.15	223.99		325.53 Capitalized	310.74
Anna Yarnall Fund .....					1,962.53	909.69		74.40 Books	2,569.17
In Consolidated a/c .....	165,460.81		.50	165,460.31		7,716.17	5,426.55	2,289.62 Books	
Agency a/c .....	1,804.25	.50		1,804.75					
F. B. Gummere Library Fund .....	612.30			612.30	33.61	28.47		43.10 Books	18.98
Edmund Morris Fergusson, Jr. Memorial Fund ....	965.80			965.80	21.51	44.90		54.06 Books	12.35
Class of 1888 Library Fund .....	5,541.02	100.00		5,641.02	321.94	261.49			583.43
Class of 1918 Library Fund .....	1,207.83	281,196.83		1,207.83	80.25	56.16		85.43 Books	50.98
<u>Funds for Old Style Pensions</u>									
President Sharpless Fund .....	39,733.67			39,733.67		1,847.32	1,847.32		
William P. Henszey Fund .....	35,418.53			35,418.53		1,646.70	1,646.70		
Jacob P. Jones Benefit Fund .....	65,630.50			65,630.50		3,051.32	3,051.32		
Pliny Earle Chase Memorial Fund .....	3,152.93			3,152.93		146.59	146.59		
Haverford College Pension Fund .....	107,955.98	251,891.61		107,955.98		5,019.14	5,019.14		
<u>Funds for Special Purposes</u>									
Thomas Shipley Fund .....	5,056.68			5,056.68	797.30	235.10		244.81 Lectures	787.59
Elliston P. Morris Fund .....	1,085.68			1,085.68	37.63	50.48		24.26 Books	63.85
John B. Garrett Reading Prize Fund .....	2,189.40			2,189.40	251.26	101.79		25.00 Frds. Co. on Ed.	353.05
Special Endowment Fund .....	8,890.67			8,890.67	1,096.04	413.35		200.00 Religious Ed. Com.	1,284.39
Scholarship Improvement Prize Fund .....	2,213.14			2,213.14	85.21	102.89		95.00 Prizes	93.10
Elizabeth P. Smith Fund .....	1,680.48			1,680.48	161.06	78.13			239.19
S. P. Lippincott History Prize Fund .....	2,454.02			2,454.02	174.35	114.09		14.36 Books	274.08
Francis Stokes Fund .....	4,933.63			4,933.63	608.27	229.38		8.18 Campus Club	829.47
George Peirce Prize Fund .....	2,098.39	97.56		2,195.95		97.56		97.56 Capitalized	
Lyman Beecher Hall Prize Fund .....	2,076.43			2,076.43	188.62	96.54			235.16
Newton Prize Fund .....	1,346.79			1,346.79	37.84	62.62		50.00 Prizes	50.46
Edward B. Conklin Athletic Fund .....	2,312.51			2,312.51		107.51	107.51		
Arboretum Fund .....	4,420.49			4,420.49	643.95	205.52			849.47
William Ellis Scull Prize Fund .....	1,927.09			1,927.09	151.50	89.60		60.00 Prizes	181.10
Paul D. I. Maier Fund .....	963.54			963.54		44.80	24.80	20.00 Prizes	
Strawbridge Observatory Maintenance Fund .....	3,699.55			3,699.55	349.37	172.00		163.85 Equipment, etc.	357.52
Jacob & Eugenie Bucky Memorial Foundation .....	2,089.23			2,089.23		97.13		97.13 See Bucky Fd'n.	
Mathematics Department Prize Fund .....	907.29	50,345.01	144.31	1,051.60		44.31		25.00 Prizes	
								19.31 Capitalized	
	\$4,339,276.31	\$86,688.42	\$2,216.76	\$4,423,747.97	\$10,917.03	\$204,226.68	\$171,846.27	\$25,540.59	\$17,756.85

# SUMMARY OF THE FUNDS

	Book Value September 1, 1943	Increased	Decreased	Book Value September 1, 1944
Funds for General Purposes .....	\$3,256,376.96			\$3,256,461.64
Fund for T. Wistar Brown Graduate School .....	341,087.90	\$ 2,300.94	\$ 2,216.26	342,673.70
Funds for Morris Infirmary .....	14,176.55	1,585.80		14,176.55
Fund for Haverford Union .....	1,810.33			1,810.33
Funds for Scholarships .....	142,391.12	82,133.78		224,524.90
Funds for Library .....	281,196.83	426.03	.50	281,622.36
Funds for Old Style Pensions .....	251,891.61			251,891.61
Funds for Special Purposes .....	50,345.01	241.87		50,586.88
Plus undistributed gain .....	4,339,276.31	86,688.42	2,216.76	4,423,747.97
Total of ALL Funds .....	\$4,339,276.31	\$43,394.61	\$ 2,216.76	\$4,467,142.58

## SUMMARY AS TO CONSOLIDATED AND NON-CONSOLIDATED ACCOUNTS

Consolidated Account .....	\$4,259,034.37	\$158,119.36	\$ 23,757.31	\$4,388,396.42
Non-Consolidated Accounts: -				
John Farnum Memorial Fund .....	34,994.92	415.74		35,410.66
Nathan Branson Hill Fund .....				
(In care of First National Bank & Trust Co. Trustee, Minneapolis)	5,097.41			5,097.41
Elizabeth Farnum Fund .....				
(Provident Trust Co., Trustee) .....	9,624.66			9,624.66
Ellen W. Longstreth Agency Account .....	1,578.04		1,564.00	14.04
Mary Pearsall Agency Account .....	6,228.32	11.59	359.61	5,880.30
Both of the above accounts are part of the E. W. Longstreth Fund				
Augustus Taber Murray Research Scholarship Fund .....	20,914.34			20,914.34
Anna Yarnall Fund - Anna Yarnall Agency Account .....	1,804.25	.50		1,804.75
	\$4,339,276.31	\$158,547.19	\$ 30,680.92	\$4,467,142.58

The Book Value increased \$127,866.27 as follows: -

Donations to Funds .....	\$ 82,072.47
Income Transferred to Principal .....	3,412.40
Gain on Securities Sold .....	67,957.83
Gain on Securities Called .....	1,598.29
Gain on Real Estate Sold .....	2,743.39
	157,784.38

LESS: -

Loss on Securities Sold .....	5,042.39
Loss on Securities Exchanged .....	9,213.75
Loss on Real Estate Sold .....	14,256.14
Loss on Mortgage Liquidated .....	15,085.91
Loss on Mortgage Liquidated .....	295.00
Centenary Fund Balance transferred to Corporation a/c .....	231.06
	29,918.11
	\$127,866.27

# CLASSIFICATION OF INVESTMENTS

8th Mo. 31, 1944

	Consolidated Account	Non-Consolidated Accounts	Total	%	Market Value	%
<b>BONDS</b>						
Government						
United States	\$125,046.88	\$ 5,341.31	\$130,388.19		\$131,243.06	
Foreign	42,724.21		42,724.21		23,116.08	
Municipal	2,800.00	9,247.50	12,047.50		10,805.00	
Industrial	51,205.14	927.50	52,132.64		44,526.50	
Public Utility	165,181.43	5,731.17	170,912.60		183,733.75	
Railroad	643,049.64	22,100.83	665,150.47		732,358.50	
Equipment Trust	0	0	0		0	
Miscellaneous	22,969.50		22,969.50		25,230.00	
	1,052,976.80		43,348.31	1,096,325.11		1,151,012.89
				24.54		25.14
<b>PREFERRED STOCKS</b>						
Industrial	123,206.13		123,206.13		131,650.00	
Public Utility	272,985.98		272,985.98		284,311.00	
Railroad	47,354.80		47,354.80		52,756.25	
Miscellaneous	0		0		0	
	443,546.91		443,546.91			10.24
				9.93		468,717.25
<b>COMMON STOCKS</b>						
Bank & Insurance	347,638.88		347,638.88		349,535.50	
Industrial	724,646.48		724,646.48		789,870.00	
Public Utility	167,459.81		167,459.81		178,033.00	
Railroad	131,402.83		131,402.83		85,998.13	
Miscellaneous	9,538.98		9,538.98		8,302.50	
	1,380,686.98		1,880,686.98			30.84
MORTGAGES	400,003.77		400,003.77		403,939.38	8.95
			9,935.61			
REAL ESTATE	663,590.79		17,726.02			14.88
			631,316.81		681,316.81	
MISCELLANEOUS	254,348.66		254,348.66		254,348.66	5.56
				5.69		
				30.91		1,411,739.13
				9.18		403,939.38
				15.25		681,316.81
						254,348.66
				4.50		200,978.73
				100.00%		\$4,578,052.85
						4.39
						100.00%
						\$4,578,052.85
			</			

NOTE: There are \$69,000 Public Utility common stock not included in the above figures, being holding in C. Wharton Stork Art Gift Fund, which is not included in the funds. This fund also has an overdraft in Principal cash of \$45,000.

## INCOME RETURN

The net income return after allowing commission to our fiscal agent was 4.57% on book value at the end of the year.

ROY A. WRIGHT & COMPANY  
CERTIFIED PUBLIC ACCOUNTANTS  
1530 CHESTNUT STREET  
PHILADELPHIA, PA.

ROY A. WRIGHT, C.P.A.  
GEORGE W. MINCK  
VINCENT J. WALBACH  
WILLIAM V. WALBACH

RITTENHOUSE 3927

October 9, 1944.

Board of Managers,  
The Corporation of Haverford College,  
Haverford, Pennsylvania.

Dear Sirs:

Pursuant to your request, we have completed an examination of the accounts of your Treasurer, J. Henry Scattergood, for the fiscal year ended August 31, 1944.

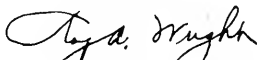
We verified the cash balances by direct correspondence with your depository. The securities in the keeping of the Provident Trust Company of Philadelphia were examined by us, while those held by the Girard Trust Company and the First National Bank & Trust Company of Minneapolis, Minnesota, were certified to us by them, and found to be in accordance with the Treasurer's report.

The Treasurer's report for the year was examined and compared with the books of account and found to agree herewith.

The Comptroller's Accounts were audited monthly during the year.

In our opinion, the Treasurer's report sets forth the result of operation of The Corporation of Haverford College for the fiscal year ended August 31, 1944.

Very truly yours,



Certified Public Accountant



# DONATIONS FOR ADDITIONS TO FUNDS

## JAMES R. MAGEE FUND

Further distribution of principal of Anna J. Magee Trust .....	449.89
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## CENTENARY FUND

From - George H. Thomas Class of 1902. ....	50.00
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## ELLEN W. LONGSTRETH FUND

Further realization on legacy .....	258.00
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## J. HENRY SCATTERGOOD FUND

From - Anonymous .....	340.00
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## ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

From - Harry M. Zuckert .....	1,000.00
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## CLASS OF 1917 SCHOLARSHIP FUND

Through - Dr. John W. Spaeth, Jr.

From William H. Chamberlin .....	25.00	
Dr. Donald Chandler .....	20.00	
Jesse G. Forsythe .....	5.00	
Joseph W. Greene .....	10.00	
Robert B. Haines .....	30.00	
H. Lawrence Jones .....	10.00	
M. Alexander Laverty .....	10.00	
Edwin F. Lawrence, Jr. ....	200.00	
H. E. McKinstry .....	20.00	
Edmund T. Price .....	100.00	
E. Roland Snader .....	20.00	
John W. Spaeth .....	15.00	
Arthur E. Spellissy .....	25.00	
T. Barclay Whitson .....	25.00	515.00

(Previous Donations for current scholarships, which have not been used,  
have been added to the Principal of the Fund, in the amount of \$142.50)

## DANIEL B. SMITH FUND (new)

From - Anna Wharton Wood (Mrs. Henry A.) .....	2,500.00
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## SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND (new)

Bequest from Joseph T. Hilles, Class of 1888, Wilmington Trust Company, Trustee .....	75,534.58
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## ELIHU GRANT MEMORIAL SCHOLARSHIP FUND (new)

From - Mrs. Almy C. Grant .....	1,200.00
(Unused balance of Dr. Elihu Grant's donations for Beth Shemesh Fund used to start this Fund)	

## CLASS OF 1888 LIBRARY FUND

From - Joseph W. Sharp, Jr. ....	100.00
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## MATHEMATICS DEPARTMENT PRIZE FUND

From - Dr. Albert H. Wilson .....	125.00	\$82,072.47
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# DONATIONS FOR CURRENT PURPOSES

## FOR SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND

Income from Trustee .....	339.99
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## FOR PRIZES

Class of 1902 for Latin Prize from A. C. Wood, Jr. ....	9.00
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## FOR LIBRARY

Matzke Royalties .....	32.45
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Minor Library Donations .....	66.60
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### Library Associates

From	Mr. & Mrs. C. B. Allendoerfer .....	\$ 2.00
	Mr. & Mrs. E. Page Allinson .....	10.00
	Mrs. Mary R. Antrobus (two years) .....	4.00
	Dr. & Mrs. Kenneth E. Appel .....	50.00
	Dr. & Mrs. James A. Babbitt .....	2.00
	Mr. & Mrs. Wilfred Bancroft .....	2.00
	Mr. Robert Barrie .....	2.00
	Mr. & Mrs. William A. Battey .....	10.00
	Miss Mabel Beard .....	2.00
	Miss Florence Beddall .....	2.00
	Dr. & Mrs. C. J. Bergh .....	2.00
	Miss Margery Ann Bergh .....	2.00
	Mrs. Robert Montgomery Bird .....	2.00
	Rev. & Mrs. Russell H. Bishop .....	2.00
	Mr. & Mrs. Paul Bleyden .....	2.00
	Mr. & Mrs. Harold W. Brecht .....	2.00
	Mr. & Mrs. Howard Brinton .....	2.00
	Lt. Comdr. & Mrs. H. Tatnall Brown, Jr. ....	2.00
	Mr. Thos. K. Brown, Jr. (dec'd) .....	2.00
	Miss Caroline Burgess .....	2.00
	Mrs. Helen Cadbury Bush .....	2.00
	Dr. & Mrs. Florian Cajori .....	2.00
	Miss Edith Chambers .....	2.00
	Mrs. George H. Chambers .....	2.00
	Mr. & Mrs. George K. Chandler .....	2.00
	Mr. & Mrs. J. Browning Clement, Jr. ....	2.00
	Dr. & Mrs. J. H. Cloud .....	2.00
	Mrs. William H. Collins .....	2.00
	Mr. & Mrs. Daniel F. Coogan .....	2.00
	Dr. Charles W. David .....	2.00
	Mrs. Charles W. David .....	2.00
	Mr. & Mrs. Hiram S. Davis .....	2.00
	Dr. & Mrs. Lovett Dewees .....	2.00
	Dr. & Mrs. T. McK. Downs .....	50.00
	Mr. & Mrs. Thomas E. Drake .....	2.00
	Mr. & Mrs. Henry S. Drinker, Jr. ....	10.00
	Mrs. Allan L. Dunning .....	5.00
	Mr. & Mrs. McClure Fahnestock .....	2.00
	Dr. & Mrs. Clifford B. Farr .....	2.00
	Miss Muriel Farr .....	2.00
	Mr. & Mrs. Earl W. Flodorf .....	2.00
	Mr. P. D. Folwell .....	10.00
	Miss Kathryn V. Forrest .....	2.00
	Mr. Henry S. Fraser .....	10.00

Forward .....	229.00	99.05	348.99
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FOR LIBRARY (continued)

Forward . . . . .	225.00
Major & Mrs. William G. Frey . . . . .	2.00
Mrs. Sara K. Fuller . . . . .	2.00
Rev. Joseph J. Gildea . . . . .	2.00
Mr. Howard Goodhart . . . . .	10.00
Mr. & Mrs. Douglas Gould . . . . .	2.00
Mr. H. D. Greenwell . . . . .	2.00
Miss Gladys H. Griscom . . . . .	10.00
Mr. & Mrs. Henry V. Gummere . . . . .	2.00
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	168.50	

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From Alfred G. Scattergood, Trustee .....	50.00	
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From Henry S. Drinker, Class of 1900 .....	20.00	
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(Temporarily invested in U. S. Bonds)		
Lt. Richard S. Bowman .....	5.00	
Norman S. Braus .....	15.00	
Lt. C. R. Ebersol .....	5.00	
J. P. Feil .....	5.00	
Henry S. Fraser .....	50.00	
Through A. W. Haddleton .....	14.75	
Henry W. Johnstone, Jr. ....	2.10	
John W. Pierson, Jr. ....	10.00	
1942 Record Fund .....	2.90	
Lt. S. R. Stuart .....	10.00	
John C. Whitehead .....	25.00	
Anonymous .....	50.00	
Class of 1904, 40th Anniversary Gift		
Fred V. Andrew .....	74.00	
Wm. S. Bradley .....	25.00	
Jos. W. Clark .....	74.00	
A. Crowell .....	74.00	
Col. C. R. Haig .....	74.00	
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C. C. Morris .....	400.00	
Dr. H. H. Morris .....	74.00	
H. M. Schabaker .....	30.00	
Edgar T. Snipes .....	100.00	
J. M. Stokes, Jr. ....	74.00	
	1,197.00	1,391.75
Forward .....		6,033.18

Forward ..... 6,033.18

FOR UNDESIGNATED PURPOSE

From Class of 1928 ..... 37.50

FOR FACULTY SALARIES

From Alumni Association ..... 450.00

FOR ADMINISTRATIVE SALARIES

From Alumni Association ..... 770.00

FOR RECONSTRUCTION AND RELIEF

From Wyomissing Foundation .....	150.00	
Alvord Foundation .....	300.00	
M. A. Linton .....	100.00	
S. Emlen Stokes .....	<u>250.00</u>	800.00

FOR SCHOLARSHIPS

Anonymous .....	40.00	
Anonymous .....	200.00	
Anonymous .....	600.00	
Anonymous .....	<u>1,000.00</u>	1,840.00
E. M. Cook - return of Corporation Scholarship .....	150.00	
Wyomissing Foundation .....	600.00	
Jansen Foundation .....	300.00	
Board of Methodist Church .....	100.00	
Simon Guggenheim Foundation .....	200.00	
Mrs. W. H. Collins .....	<u>296.00</u>	3,486.00

TRIANGLE SOCIETY GIFT

From Hon. Emory H. Niles .....	100.00	
Balance of National Foundation for Education (for furnishing Government House) trans- ferred from "Donations" a/c .....	<u>22.96</u>	122.96

TRIANGLE SOCIETY GIFT (2) \*

Dividends on Sun Oil Company stock donated .....	<u>75.00</u>	197.96
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LIBRARY ADDITION FOR NEW STACKS

Class of 1927 - through John C. Lober		
From Franklin Sanders .....	10.00	
Arthur Silver .....	<u>5.00</u>	15.00
		11,789.64

\* The above is a dividend of \$75.00 on 150 shares of Sun Oil Stock, valued at 57 1/8 making \$8,568.75 donated by Joseph N. Pew, Jr. for social, economic and historical research.

**REPORT OF**  
**HAVERFORD COLLEGE LOAN FUND**

Established 1926

Report No. 18

August 31, 1944

Current Year 1943-44

Cash Balance on hand, August 31, 1943 .....	\$ 3,283.10
19 Loans repaid during year .....	3,946.60
37 part payments on loans during year .....	1,968.68
Interest received during year. ....	772.16
Adjustment on Cash Balance previously reported .....	2.82
	<u>\$ 9,973.36</u>

4 Loans made during year .....	<u>600.00</u>
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Cash Balance on hand August 31, 1944 .....	\$ 9,373.36
Loans outstanding August 31, 1944 .....	17,441.90
Interest outstanding August 31, 1944 .....	733.42
Balance in Merion Title & Trust Company .....	<u>630.88</u>

Total resources, August 31, 1944	\$28,179.56
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Total to August 31, 1944

Appropriations from Jacob P. Jones Endowment Fund .....	20,179.04
1st Donation from Class of 1911 .....	641.30
2nd Donation from Class of 1911 .....	137.90
3rd Donation from Class of 1911 .....	28.85
Donation from Class of 1929 .....	350.27
Donation from A. R. Katz ..	500.00
Donation from Class of 1927 .....	900.00
Donation from Class of 1908 .....	1,507.96
Gift from C. C. Morris .....	50.00
Gift from John Charles .....	300.00
Gift Anonymous .....	500.00
Gift, Anonymous .....	2,000.00
Gift, Haverford Society of Maryland .....	100.00
Gift, Dr. H. S. Arthur .....	300.00
290 loans repaid .....	41,838.43
388 payments on loans .....	15,298.95
Interest paid up .....	12,156.18
Payments from Merion Title & Trust Co. 2/28/33 .....	\$42.06
1/4/38 .....	84.12
12/31/40 .....	42.06
7/22/43 .....	<u>42.06</u>
	210.30
Adjustment of previous reports .....	<u>2.82</u>

Total Receipts	97,635.00
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Repayments to Corporation .....	\$11,000.00
Repayments of Donations .....	1,708.05
Original Funds in Merion Title & Trust Co. ....	841.18
Check Tax .....	1.36
Loans Made .....	<u>74,710.75</u>
	<u>88,261.64</u>

Cash Balance August 31, 1944 .....	9,373.36
Outstanding interest to August 31, 1944 .....	733.42
Outstanding loans to August 31, 1944 .....	17,441.90
Balance of Merion Title & Trust Co. a/c .....	<u>630.88</u>

Total resources August 31, 1944	\$28,179.56
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## ENDOWMENT FUNDS

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### FUNDS FOR GENERAL PURPOSES

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#### GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50; 1941, from children of Aubrey C. Dickson in his memory, \$300. Present book value, \$93,753.86. The income is used for salaries and scholarships.

#### JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present book value, \$35,410.66. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

#### JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present book value, \$10,252.18. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

#### DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present book value, \$43,173.04. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

#### EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present book value, \$10,950.03. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

#### WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present book value, \$4,956.69. There are no restrictions. The income is used for general college purposes.

#### ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present book value, \$10,388.86. The income only is to be used for the payment of professors or teachers.

### **JACOB P. JONES ENDOWMENT FUND**

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present book value, \$1,253,930.25. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,500 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

### **JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS**

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income was capitalized each year to keep intact the full value of the fund until 1940 when this fund was included in the Consolidation of funds. Present book value, \$265,841.10. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

### **ELLEN WALN FUND**

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present book value, \$10,711.80. There are no restrictions. The income is used for general college purposes.

### **CLEMENTINE COPE ENDOWMENT FUND**

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present book value, \$20,710.06. There are no restrictions. The income is used for general college purposes.

### **NATHAN BRANSON HILL TRUST**

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized \$5,039. Present book value, \$5,097.41.

### **JOSEPH E. GILLINGHAM FUND**

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present book value, \$40,849.10. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

### **HENRY NORRIS FUND**

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present book value, \$5,671.42. There are no restrictions. The income is used for general college purposes.

### **ELIZABETH H. FARNUM FUND**

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present book value, \$9,624.66. There are no restrictions to the use of the income, and same is applied to general college purposes. Application to Court for the transfer of this fund to the Corporation of Haverford College has been approved and will be carried out in coming fiscal year.

### **JAMES R. MAGEE FUND**

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, 1937, 1940, and 1944 by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, \$250, \$100, and \$449.89 under his legacy. Present book value, \$43,009.70. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

### **ALBERT K. SMILEY FUND**

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present book value, \$1,445.31. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

### **THE HINCHMAN ASTRONOMICAL FUND**

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present book value, \$38,074.84. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

### **WALTER D. AND EDITH M. L. SCULL FUND**

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the principal of the fund. Present book value, \$168,196.24. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

### **ALBIN GARRETT MEMORIAL FUND**

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present book value, \$25,795.00. There are no restrictions. The income is used for general college purposes.

### **ARNOLD CHASE SCATTERGOOD MEMORIAL FUND**

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present book value, \$23,492.69. The income only is to be used toward the payment of professors' salaries.

## **FRANCIS B. GUMMERE MEMORIAL FUND**

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total, book value, \$120,991.54.

## **ISAAC SHARPLESS MEMORIAL FUND**

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total book value, \$210,754.11.

## **GENERAL EDUCATION BOARD FUND**

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total book value, \$121,480.36.

## **HAVERFORD IMPROVEMENT FUND**

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

## CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, \$7,700 in 1937-1938, \$2,150 in 1938-1939, and \$15 in 1939-1940 bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$145,947.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, \$7,700 was applied to the operating year 1937-1938, and \$2,150 to that of 1938-1939, \$15.00 to that of 1939-1940, and \$11.34 for 1940-1941, and \$50 for 1943-1944.

There remained one investment in this fund not yet realized upon with a book value of \$231.06. At end of 1943-44 this was absorbed into Consolidated Investment Account, and the debt reduced further by \$231.06.

## WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Book value to date, \$98,346.29.

## WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present book value, \$13,610.80.

## CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. Present book value, \$77,093.02. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

## ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present book value, \$9,635.43.

## **HOWARD COMFORT MEMORIAL FUND**

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present book value, \$4,844.02.

## **EMMA RIDGWAY COMLY FUND**

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present book value, \$48,165.07.

## **ELLEN W. LONGSTRETH FUND**

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and residuary \$84,416.28 in 1935-36, together with further realization on residuary assets, viz. \$3,338.69 in 1936-37, \$73.33 in 1938, \$166.80 in 1942-43, and \$258.00 in 1943-44, make a total of \$108,253.10. There are some participations in real estate not yet liquidated, which will increase or decrease this fund. The income is used for general purposes, with a usual allotment of \$300 for Quaker books. Present book value \$105,310.22.

## **ALBERT L. BAILY FUND**

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present book value, \$4,817.71.

## **ELIZABETH B. WISTAR WARNER FUND**

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present book value, \$4,769.54.

## **T. ALLEN HILLES BEQUEST**

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of-1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present book value, \$270,528.30.

## **LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND**

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Present book value, \$963.54.

### **EDWARD M. WISTAR FUND**

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar. '72. for endowment, the income only to be used for general purposes. Present book value, \$2,408.86.

### **MORRIS E. LEEDS FUND**

Founded Sixth Month 26, 1941, by gift of 400 Participating Shares of Leeds and Northrup Stock Trust. The fund is unrestricted as to principal and interest, but was ordered by the Managers, until otherwise directed, to be included among the funds for General Purposes, the income only to be used. Present book value, \$39,428.52. This fund is subject to an annuity of \$1600, during the life of its donor.

### **J. HENRY SCATTERGOOD FUND**

Founded Tenth Month, 1941, by donations totaling \$1,660, made by members of the Board of Managers in recognition of the services for 25 years of J. Henry Scattergood, '96, as Treasurer of the Corporation of Haverford College. A further gift of \$340 was made in 1943-44.

The income of this fund is to be used in the field of International Relations and to be at the disposal of the President of the College and the William Penn Professor holding the Chair in Political Science and International Relations. If the income in any year is not used for the special purposes as stated, in the discretion of the President, it may be used for general purposes. It is further provided that after Tenth Month 1, 1951 the use of the fund for other purposes, both as to principal and income, shall be subject to the direction of the Board of Managers of Haverford College. Present book value, \$1,979.41.

### **FUND FOR GRADUATE SCHOOL**

#### **MOSES BROWN FUND**

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present book value, \$342,673.70. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Thomas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were first made for cooperation in courses with Pendel Hill, a school for religious education under the care of Friends, located at Wallingford, Pa.

### **FUNDS FOR INFIRMARY**

#### **INFIRMARY ENDOWMENT FUND**

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present book value, \$9,301.50. The income is used toward the expenses of the Morris Infirmary.

#### **JOHN W. PINKHAM FUND**

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present book value, \$4,875.05. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

## FUND FOR HAVERFORD UNION

### HAVERFORD UNION FUND

Founded in 1920 by gift of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present book value, \$1,810.33.

## FUNDS FOR SCHOLARSHIPS

### THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present book value, \$5,066.13. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." This fund sustains the Thomas P. Cope Scholarships.

### EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present book value, \$5,847.96. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

### ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present book value, \$19,094.90. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

### RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present book value, \$4,871.92. The income only is to be used to sustain the "Richard T. Jones Scholarship."

### MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present book value, \$6,757.92. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

### SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present book value, \$7,631.02. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

### CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present book value \$22,012.96. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

### ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present



book value, \$8,170.08. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

### **CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND**

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present book value, \$2,843.61.

### **J. KENNEDY MOORHOUSE SCHOLARSHIP FUND**

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present book value, \$4,967.88.

### **LOUIS JAQUETTE PALMER SCHOLARSHIP FUND**

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College, a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Present book value, \$4,817.71.

### **PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND**

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present book value, \$4,861.65.

## **ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND**

Founded in 1935 by gift of \$750, \$2,000 each year 1936 to 1940, and in 1942; \$2,500 in 1941; and \$1,000 in 1943; by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for scholarships and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present book value, \$15,813.65.

### **SAMUEL E. HILLES ENDOWMENT CREATED BY MINA COLBURN HILLES**

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present book value, \$4,834.39.

### **CLASS OF 1913 SCHOLARSHIP FUND**

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present book value \$2,890.62.

### **THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND**

Founded Fifth Month 31, 1939 by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it. Present book value \$20,914.34.

### **THE CLASS OF 1917 SCHOLARSHIP FUND**

Founded Seventh Month 13, 1942 by initial gift of \$2,000.00 from the Class of 1917, John W. Spaeth, Jr., Treasurer, as a Twenty-fifth Anniversary Gift. A further gift of \$250.00 was made at the same time to cover the first two years of a scholarship of \$125.00 per year. Preference is to be given to a son of a member of the Class of 1917. The income only is to be used for a scholarship to the extent of \$150.00 per annum. Further contributions from the members of the Class of 1917 are to be applied in the following order:

(1)—To supplement the annual income from the principal sum of \$2,000.00, so that the annual scholarship stipend shall be \$150.00, or as near that sum as may be;

(2)—To add to the principal sum any surplus of these annual contributions not needed to serve the purpose of (1). Since the scholarship stipend for the years 1942-1943 and 1943-1944 is already provided for by the additional \$250.00 already contributed by the Class of 1917, the annual contributions from the Class in these two years may be added at once to the principal sum of \$2,000.00, thus serving the purpose of (2) above. Present book value, \$3,014.85.

### **DANIEL B. SMITH FUND**

**(This fund is new this year)**

Founded Tenth Month 6, 1943 by gift of \$2,500 from Anna Wharton Wood, of Waltham, Mass. This will be increased by a bequest of \$2,500 made by Miss Esther Morton Smith, of Germantown, Philadelphia, who died Third Month 18, 1942.

This fund is established by the granddaughters of Daniel B. Smith "in loving memory of their grandfather and his intimate association with the early years of the College."

The income is to be used, in the discretion of the Faculty, as an annual scholarship for some young man needing financial aid in his College course. Preference is to be given to a descendant of their father, Benjamin R. Smith, if any such should apply. Present book value, \$2,500.

### **SARAH TATUM HILLES MEMORIAL SCHOLARSHIP FUND**

**(This fund is new this year)**

Founded Eleventh Month 1, 1943 by bequest of \$75,534.58 from Joseph T. Hilles 1888, in memory of his mother "Sarah Tatum Hilles."

The will directs that the income be used "to provide for such number of annual scholarships of \$250 each as such income shall be sufficient to create"; they are to be awarded by the Managers upon "needy and deserving students," and to be known as "Sarah Tatum Hilles Memorial Scholarships."

It is estimated that twelve scholars can be thus provided for at present. Present book value \$75,534.58.

### **ELIHU GRANT MEMORIAL SCHOLARSHIP FUND**

**(This fund is new this year)**

Established Second Month 2, 1944 by gift of \$200 from Mrs. Elihu Grant to supplement the simultaneous transfer of \$803.73 to this new fund from Donations Account, being the balance of Donations made by Dr. Grant during his lifetime to the Beth Shemesh account, and \$75.00 realized from the sale of some of his books. Mrs. Grant has made a further gift of \$1,000 under date of June 30, 1944.

With the donor's approval, the terms of the fund are as follows:

"Founded in 1944 to commemorate the service to Haverford College of Dr. Elihu Grant, from 1917 to 1938, a member of the College faculty. The income from this fund is applied to scholarship assistance to students in the Humanities, primarily those specializing in the study of Biblical Literature and Oriental subjects, and is limited to those whose major subject has been approved by the College faculty. In special circumstances the income may be utilized to assist those working for a post-graduate degree at Haverford College."

If conditions change, the Managers are given power to change the use of the fund. The present income will provide a scholarship of \$80. Present book value \$2,078.73.

## FUNDS FOR THE LIBRARY

### ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present book value, \$16,799.42. The income is used for binding and miscellaneous expenses of the Library.

### MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present book value, \$67,746.82. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-ninth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

### WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present book value, \$4,817.71. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

### MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present book value, \$19,566.40. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

### ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present book value, \$167,265.06. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The Testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

## **F. B. GUMMERE LIBRARY FUND**

Founded in 1920 by gift of \$635.47, raised among the students by the Students, Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present book value, \$612.30.

## **EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND**

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present book value, \$965.80.

## **CLASS OF 1888 LIBRARY FUND**

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection. In 1939-1940, additional donation of \$500, and \$100 in 1943-1944 was made. The present book value is \$5,641.02.

## **CLASS OF 1918 LIBRARY FUND**

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books. Present book value, \$1,207.83.

## **FUNDS FOR PENSIONS**

### **PRESIDENT SHARPLESS FUND**

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present book value, \$39,733.67. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### **WILLIAM P. HENSZEY FUND**

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present book value, \$35,418.53. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### **JACOB P. JONES BENEFIT FUND**

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present book value, \$65,630.50. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### **PLINY EARLE CHASE MEMORIAL FUND**

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. Present book value, \$3,152.93. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

### **HAVERFORD COLLEGE PENSION FUND**

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present book value, \$107,955.98. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

### **FUNDS FOR SPECIAL PURPOSES**

#### **THOMAS SHIPLEY FUND**

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present book value, \$5,056.68. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

#### **ELLISTON P. MORRIS FUND**

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present book value, \$1,085.68. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$40 is given in each year, the competition being open to all undergraduates and to graduates of not more than three years' standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that when the prize is not awarded the income may be used for the purchase of library books on arbitration and peace.

### **JOHN B. GARRETT READING PRIZE FUND**

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present book value \$2,189.40.

### **SPECIAL ENDOWMENT FUND**

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present book value, \$8,890.67. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

### **SCHOLARSHIP IMPROVEMENT PRIZE FUND**

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present book value, \$2,213.14. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

### **ELIZABETH P. SMITH FUND**

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present book value, \$1,680.48. The income only to be used as a prize for the best essays on Peace written by students of the College.

### **S. P. LIPPINCOTT HISTORY PRIZE FUND**

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. Present book value, \$2,454.02. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of a competitive essay. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

### **FRANCIS STOKES FUND**

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present book value, \$4,933.63. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

### **GEORGE PEIRCE PRIZE FUND**

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present book value \$2,195.95. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

### **LYMAN BEECHER HALL PRIZE FUND**

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present book value, \$2,076.43.

### **NEWTON PRIZE FUND**

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. Present book value, \$1,346.79. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

### **EDWARD B. CONKLIN ATHLETIC FUND**

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present book value, \$2,312.51. The income is to be used without restriction in any branch of athletics.

### **ARBORETUM FUND**

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present book value, \$4,420.49.

### **WILLIAM ELLIS SCULL PRIZE FUND**

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize," Present book value, \$1,927.09.

### **C. WHARTON STORK ART FUND**

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are hung in the Library. This fund is to be liquidated and is not included in the total of the funds.



### PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Byrn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present book value, \$963.54.

### STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present book value \$3,699.55.

### JACOB AND EUGENIE BUCKY MEMORIAL FOUNDATION

Founded Sixth Month 4, 1942 by gift of \$2,000.00 from Colonial Trust Company of New York and Solomon L. Fridenberg of Philadelphia, co-trustees under the will of Eugenie Bucky, deceased (late of New York), the income only to be used. At the same time accumulated income of \$2,000.00 was also donated as Bucky Foundation Gift, this amount to be available for use for the same purposes as the income of the Foundation. Extracts from Mrs. Bucky's will and codicils in reference to the purposes of the Bucky Foundation are here made as follows:

"The purpose or object of such a Foundation or Fund is and shall be for the encouragement of them who seek new truths, and who endeavor to free and clear from mystery and confusion our knowledge concerning God<sup>1</sup>; and thereby to enforce more effectively the common laws of mutual love and obligation, peace and goodwill, between and among our several creeds, races, nations, and markets.<sup>2</sup>

"My aim, intention, purpose and object is to help in promoting piety among men, enlightening their ignorance and bettering their condition, by making more and more extensive and by spreading among the public at large not only the preaching but also the practicing of the words of the . . . American motto 'In God We Trust' and of the . . . Preamble to the Constitution for the United States of America. I believe and therefore I aim, intend and purpose that the uplifting of men, women and children to the standard of life taught in the Scriptures and the Constitution for the United States of America is indeed the work of Charity, dispels ignorance, inculcates generous and patriotic sentiments, and fits the public groups and the individual men or women for their good usefulness in the American Commonwealth."

1. Associated with the American motto "In God We Trust."

2. Associated with the Preamble of the Constitution for the United States of America—"to form a more perfect union, establish justice, insure domestic tranquility, provide the common defense, promote the public welfare, and secure the blessings of liberty to ourselves and our posterity." Present book value, \$2,089.23.

### MATHEMATICS DEPARTMENT PRIZE FUND

Founded May 20, 1943 from gifts totaling \$900.00 of members of the Mathematics faculty and others. A further gift of \$125 was made in 1943-44. The unused income is added to principal. This capitalized the annual prizes that had been given by the Mathematics professors for many years.

The Mathematics Department Prizes for freshmen, \$25.00, are awarded annually, in competition, by examination. Present book value, \$1,051.60.

## STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second Third-day in the Tenth Month, at 3 o'clock P.M.

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The Stated Meetings of the Managers for 1944-45 will be held on the second Sixth-day of First and Third Months, and on the third Sixth-day of Fifth, Ninth and Eleventh months.

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## LEGACIES

The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

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## FORM OF BEQUEST OF PERSONAL PROPERTY

*I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum of*

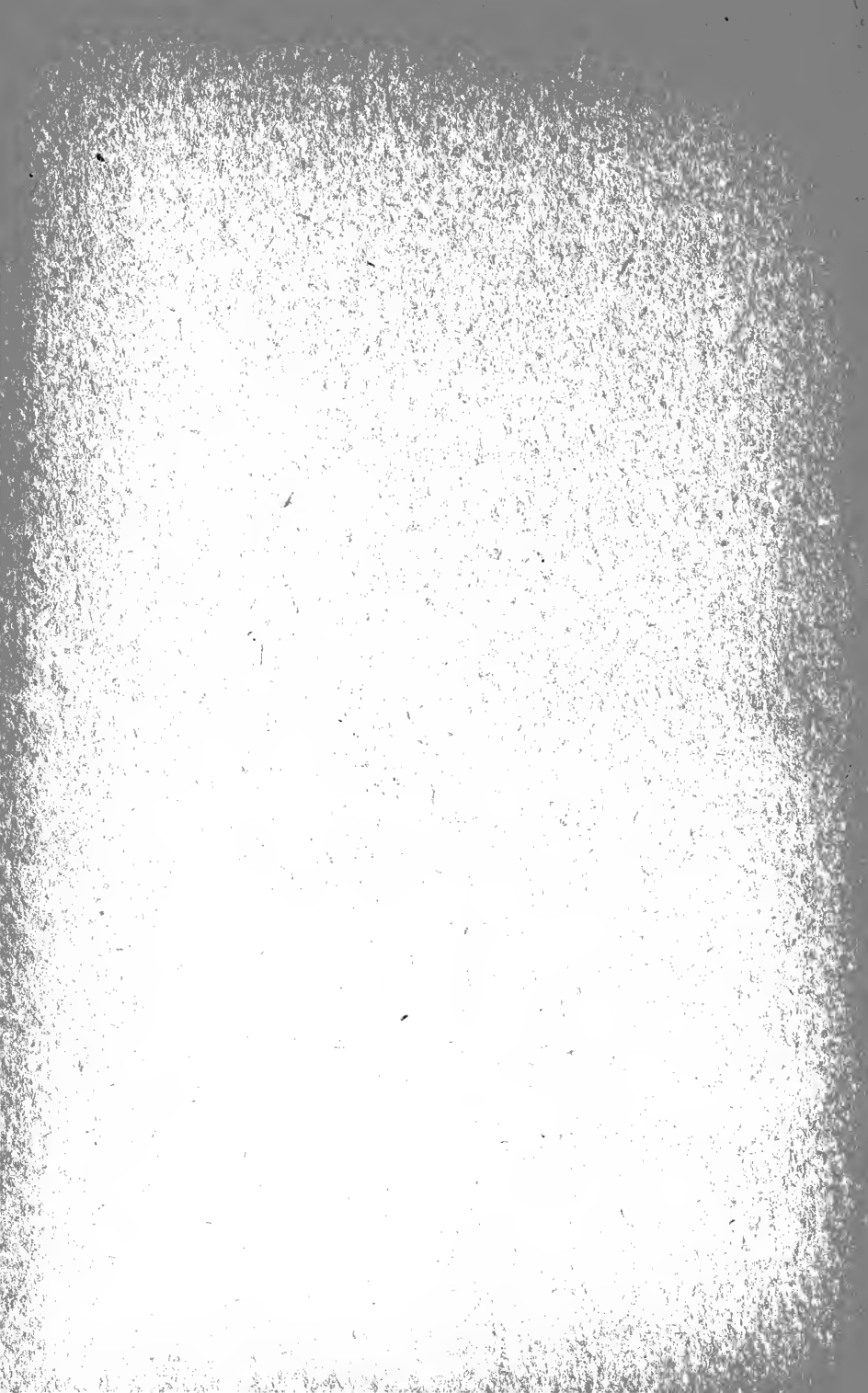
.....Dollars.

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## FORM OF DEVISE OF REAL ESTATE

*I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)*







# HAVERFORD COLLEGE

## BULLETIN

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Vol. XLIII

February, 1945

No. 4

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### CALENDAR

Beginning of Summer Term.....	June 25, 1945
Last date for selection of Major Subjects by students who have been in attendance three terms.....	July 23
Last Summer Term Classes.....	Aug. 24
Senior comprehensive examinations*.....	Aug. 22-24
Commencement Day .....	Aug. 25

\* At the option of individual departments, comprehensive examinations may begin on August 21.

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Entered as Second Class matter, November 2, 1944 at the Post  
Office at Haverford, Pa. under the act of August 24, 1912.

## SCHEDULE OF COURSES

Courses marked a or b are one-term courses; those marked (a) or (b) are respectively the first or second halves of two-term courses; those marked (a & b) are two-term courses; those marked s are one-term summer courses.

Unless otherwise noted all classes meet five times a week (MTWTF).

For further description of courses see Haverford College Catalog.

Bib. Lit. 1a	Intro. Old & New Testaments - 8:30	Sh. Mus.	Mr. Flight
Bib. Lit. 6b	Comparative Religion - 11:30	Sh. Mus.	Mr. Flight
Biology 2a	General Botany - MWF - 1:05-4:00	Sh. 35	Mr. Henry
Biology 4(a)	Local Flora - T.Th. - 11:30 Lab. to be arranged	Sh. 35	Mr. Henry
Chemistry 1a	Intro. General Chemistry - 9:30 Lab. T.Th. 1:30-3:30	C.L.	Mr. Cadbury
Chemistry 3s	Qualitative Analysis - 11:30 Lab. F. 1:30-5:30	C.L.	Mr. Cadbury
Chemistry 4s	Quantitative Analysis - 10:30 M.W.F. Lab. M.T. 1:05-5:30	C.L.	Mr. Meldrum
Chemistry 6s	Organic Chemistry - TWTF - 8:30 Lab. W. - 1:05-5:30	C.L.	Mr. Meldrum
English 1a	Methods and Techniques - 11:30	Rob.	Mr. Snyder
English 12a	Contemporary Drama - 9:30	W. 1	Mr. Snyder
French 2(a & b)	Intermediate French - 9:30, 10:30, 1:30 Rom. Lang. Off.	W. 1	Mr. Wylie
German 2(a)	Intermediate German - 8:30 1 hr. to be arranged	W. 1	Mr. Kelly and Mr. Pfund
History 14b	Roman History - 10:30	W. 1	Mr. Comfort
Math. 1(a)	Freshman Math. - MTWTFS - 8:30	E.M.R.	Mr. Oakley
Math. 1(b)	Freshman Math. - MTWTFS - 9:30	E.M.R.	Mr. Oakley
Philosophy 6b	Main Problems of Phil. - 10:30	E.M.R.	Mr. Foss
Philosophy 21a	Advanced Philosophy - 8:30	W.M.R.	Mr. Foss
Physics 1(a)	Introductory Physics - 10:30 Lab. M, W. 1:05-3:00	Sh. 16	Mr. Benham & Mr. Pepinsky
Physics 8b	Intermediate Radio - TWTF - 11:30 Lab. T.Th. 1:05-3:00	Sh. 2	Mr. Benham
Psychology 1(a)	Elementary Psychology - 9:30 Lab. to be arranged	Sh. 18	Mr. Pepinsky
Psychology 1(b)	Elementary Psychology - Hours to be arranged	- -	Mr. Pepinsky
Spanish 1(a & b)	Elementary Spanish - 9:30, 10:30, 1:30	W.M.R.	Mrs. Asensio

## GENERAL INFORMATION

Classes begin on Monday, June 25th, the first classes at 8:30 a.m. It is therefore necessary for all new men to get settled and arrange their schedules on Saturday and Sunday, June 23rd and 24th.

1. New men should come first to Roberts Hall, where they will find the location of their dormitory rooms.

2. Either before they take their baggage to their rooms, or as soon after as possible, they must make out their schedules for the term in the Office of the Dean, second floor, Roberts Hall.

3. At the same time new men must sign the College Register, which will be in the Office of the Dean on Saturday and Sunday.

There will be a meeting of all new men on  
Sunday, June 24th, at 7:00 p.m. in the  
auditorium of Roberts Hall.

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Schedules filed before May 31st by students who intended to return at that time should be checked against the revised Schedule of Courses, and individual schedules must be correct and complete by Saturday, June 30th, at noon.

The attention of all students is called to the announcement concerning Physical Education posted on the bulletin board in Roberts Hall. Following his registration with the Physical Education Department each student must note on his schedule the type of physical education he is to undertake and the time of the appointments he is to attend.

It is required by law that Ration Book #4 be deposited with the College for all students and members of the Faculty who eat eight or more meals a week in the College dining room. Ration Book #4 may be handed in at the Superintendent's Office (Founders East Basement) or in the dining room. Any student or member of the Faculty whose book is not deposited by noon on Monday, July 2nd, may be excluded from the dining room.

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**MEALS:** Meals for students in residence will begin on Saturday, June 23rd, at lunch. Meal hours for the summer term are as follows:

Week Days		Sundays
Breakfast	7:45-8:05	8:00 - 8:20
Lunch	12:20-12:40	1:00 - 1:20
Dinner	6:00-6:20	6:00 - 6:20

**BOOKS:** For the summer term there will be no agent on the campus for E. S. McCawley & Co., Inc., 17 Station Road, Haverford, agent for all textbooks. Students will be expected to get their books at the bookstore, when texts are specified in class by instructors or by announcement on the bulletin board in Roberts Hall.

**FURNITURE:** The College supplies bed, dresser, study table, desk chair and desk lamp. This last, with keys to closets, may be obtained from the Office of the Superintendent.

Additional furniture for dormitory rooms can be obtained from Lyle Settle, 21b Founders, or Judson Ihrig, 36 Lloyd. They have a fairly large supply of desks, etc., which will be on sale in the basement of Center Barclay on Saturday, June 23rd, from 9 to 12 and from 1 to 5, and on Sunday, June 24th, from 2 to 6.

**ATTENDANCE AT CLASSES AND OTHER COLLEGE EXERCISES:** The Faculty, by unanimous vote of April 23, 1942, ruled that during the summer term there will be no allowed absences from classes. Students are therefore expected to attend all classes. The matter of absence from class is to be settled between the instructor and the student. If results satisfactory to the instructor are not obtained, the Acting Dean should be notified at once.

Meeting will be held on Thursdays at 5:00 p.m. Attendance is required of all students. One absence will be allowed between June 27th and July 27th, and one absence between August 1st and August 24th.

Collections and other scheduled College exercises will be announced from time to time. Attendance will be required at such functions.

**CONSULT BULLETIN BOARDS AT FOUNDERS HALL AND ROBERTS HALL DAILY.**



## SUMMER 1945

## DIRECTORY

## FACULTY AND STAFF

<u>Name</u>	<u>Address</u> <u>Haverford, unless</u> <u>otherwise noted</u>	<u>Telephone</u>
Allendoerfer, Carl B.*	750 Rugby Road, Bryn Mawr	B.M. 2568 J
Asenslo, Mrs. Manuël J.	2 College Lane	Ard. 4163
Benham, T. A.	3 College Lane	Ard. 6044
Cadbury, William E., Jr.	791 College Avenue	Ard. 0203 W
Caselli, Aldo	Merion Hall, Haverford College	Ard. 5562
Comfort, Howard	5 College Circle	Ard. 3732
Comfort, William W.	South Walton Road	Ard. 0455
Cooper, Bennett S.	61 Carlton Avenue, Trenton, N.J.	Trenton 3-5938
Drake, Thomas E.*	702 Pennstone Road, Bryn Mawr	B.M. 1534
Dunn, Emmett R.*	748 Rugby Road, Bryn Mawr	
Evans, Arlington*	324 Boulevard, Brookline, Upper Darby	Hilltop 2043
Evans, Francis Cope	1 College Lane	Ard. 4049 W
Fetter, Frank W.*	5 Canterbury Lane, St. Davids	Wayne 2449 J
FitzGerald, Alan S.	Warick Road and Cotswold Lane, Wynnewood	Ard. 1404
Flight, John W.	753 College Avenue	Ard. 4409 W
Foss, Martin	1a College Lane	Ard. 1599
Green, Louis C.*	791 College Avenue	Ard. 4409 J
Haddleton, A. W.	29 Tenmore Road	B.M. 1235 W
Henry, Howard K.	1464 Drayton Lane, Penn Wynne	Ard. 3913 J
Herndon, John G.*	1 College Lane	Ard. 0364
Hetzel, Theodore B.*	768 College Avenue	Ard. 4393 W
Holmes, Clayton W.*	720 Millbrook Lane	Ard. 4269 W
Jones, Rufus	2 College Circle	Ard. 2777
Kelly, John A.	3 College Lane	Ard. 4160
Klatt, Mrs. Mabel H.	Founders Hall, Haverford College	Ard. 9533
Lockwood, Dean P.	6 College Circle	Ard. 1402 J
Lunt, William E.*	5 College Lane	Ard. 1507 W
MacIntosh, Archibald	3 College Circle	Ard. 0961
Meldrum, William B.	747 College Avenue	Ard. 0881 J
Misdall, Eloise	Montrose Avenue, Rosemont	B.M. 0775
Morley, Felix*	1 College Circle	Ard. 4712
Oakley, Cletus O.	Featherbed Lane	Ard. 3109 W
Palmer, Frederick, Jr.	1 College Lane	Ard. 6878
Pepinsky, Abe	7 College Lane	Ard. 5324
Pfund, Harry W.	624 Overhill Road, Ardmore	Ard. 5532
Post, Amy L.	C-3 Dreycott Apts.	Ard. 1643 M
Post, L. Arnold	9 College Lane	Ard. 0258 M
Rantz, J. Otto*	2122 Chestnut Avenue, Ardmore	
Rittenhouse, Leon H.	6 College Lane	Ard. 5522
Sargent, Ralph M.*	4 College Circle	Ard. 3339
Snyder, Edward D.	36 Railroad Avenue	Ard. 0712
Steere, Douglas V.*	739 College Avenue	Ard. 0162
Stinnes, Edmund H.*	751 Millbrook Lane	Ard. 6759

<u>Name</u>	<u>Address</u> <u>Haverford, unless</u> <u>otherwise noted</u>	<u>Telephone</u>
Sutton, Richard M.*	785 College Avenue, facing Walton Road	Ard. 0742 W
Swan, Alfred*	c/o H. Pfund, 624 Overhill Road, Ardmore	Ard. 5532
Taylor, Dr. Herbert W.	457 Lancaster Avenue	Ard. 2383
Teaf, Howard M., Jr.*	3 College Lane	Ard. 4049 J
Watson, Frank D.*	773 College Avenue	Ard. 2937
Williamson, Alexander, J.*	4 College Lane	Ard. 4023
Wilson, Albert H.	765 College Avenue	Ard. 1853
Wyllie, Laurence W.	Government House, Haverford College	Ard. 9461

\* Indicates absence during summer term.

### COLLEGE TELEPHONE SERVICE

When there is an operator at the switchboard (9:00 a.m. to 5:00 p.m. Monday through Friday, 9:00 a.m. to 1:00 p.m. on Saturday, none Sunday) any of the offices listed below can be reached by calling Ardmore 6400.

When there is no operator on duty, use the following telephone numbers:

Ardmore 0767	Haverford Library; Maintenance & Operation Office
Ardmore 0221	Acting Dean; Comptroller
Ardmore 0763	Hilles Laboratory; Physics Laboratory
Ardmore 3036	Infirmary
Ardmore 3761	President's Office

### FACULTY OFFICE TELEPHONES

The office of each of the following members of the Faculty may be reached by calling Ardmore 6400 only during the hours when there is an operator at the switchboard.

Benham	Flight	Kelly	Pepinsky
Cadbury	Foss	Lockwood	Pfund
Comfort, H.	Haddleton	Meldrum	Snyder
Evans, F. C.	Henry	Oakley	Wyllie

## COLLEGE OFFICE AND BUILDING TELEPHONES

Unless otherwise noted, all telephones below may be reached  
by calling Ardmore 6400

Acting President, Archibald MacIntosh	
Admissions, Archibald MacIntosh, Director	
Alumni Office, Bennett S. Cooper, Secretary	
Assistant to the President, Bennett S. Cooper	
Barclay Hall, North (Pay Station) . . . . .	9506
Barclay Hall, Center (Pay Station) . . . . .	9459
Barclay Hall, South (Pay Station) . . . . .	9508
Biology Laboratory (Sharpless Hall)	
Business Office, Aldo Caselli, Comptroller	
Chemistry Laboratory	
Dean's Office, Francis C. Evans, Acting Dean	
Dietitian, Mrs. Mabel H. Klatt	
Engineering Laboratory (Hilles)	
Founders Hall, East (Pay Station) . . . . .	9460
Founders Hall, Dormitory (Pay Station) . . . . .	9533
French Department Office	
Government House, 8 College Lane (Pay Station) . . . . .	9613
Gymnasium (Pay Station) . . . . .	9512
Gymnasium Office	
Haverford News . . . . .	4894
Haverford Review, Bennett S. Cooper, Managing Editor	
Hilles Laboratory of Applied Science (Engineering)	
Infirmary, Mabel S. Beard, R.N.	
Kitchen (Pay Station) . . . . .	9544
Language House, Manuel J. Asensio, Director (Pay Station) . . . . .	9428
Library: D.P. Lockwood, Librarian	
Amy L. Post, Assistant Librarian	
Circulation Desk	
Anna B. Hewitt (Treasure Room)	
Lloyd Hall, 3rd Entry (Kinsey) Rooms 1-12 (Pay Station) . . . . .	9520
Lloyd Hall, 5th Entry (Strawbridge) Rooms 13-26 (Pay Station) . . . . .	9514
Lloyd Hall, 8th Entry (Leeds) Rooms 27-38 (Pay Station) . . . . .	9628
Maintenance and Operation Office	
Merion Hall . . . . .	9458
Observatory	
Physics Laboratory (Sharpless Hall)	
Power House (Pay Station) . . . . .	9540
Registrar, Eloise Misdall	
Research Laboratory, Alan S. FitzGerald, Director . . . . .	5092
Romance Language Department Office	
Sharpless Hall: T. A. Benham, H. Comfort, F. C. Evans, H. K. Henry, A. Pepinsky, R. M. Sutton	
Whitall Hall: J. W. Flight, J. A. Kelly, H. W. Pfund, E. D. Snyder	

# DIRECTORY

## STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room; F for Founders Hall, L for Lloyd Hall. The figure following the name indicates the number of the term now being completed. Day students' home telephones are listed beneath their addresses.

Division into undergraduate terms will be found in Part Two.

### PART ONE

(Alphabetically Arranged)

Name	Home Address	College Address
ADAMS, James Fowler, Jr., 5		29 L
2900 Harrison Street, Wilmington 270, Del.		
ALENICK, Monroe Edward, 4		37 L
292 Eastern Parkway, Newark 6, N.J.		
BALDI, Virgil Bismarck, Jr., 1		26 L
437 W. School Lane, Germantown, Phila., Pa.		
BARKER, William Pierson, II, 4		21 L
1553 Shorb Avenue, N.W., Canton 3, Ohio		
BELL, William Warren, 4		25 L
4409 Greenwich Parkway, N.W., Washington 7, D.C.		
BESSE, Byron Earl, 3		Day
823 Old Gulph Road, Bryn Mawr, Pa.		
BIRDSALL, Joseph Cooper, Jr., 3		20 L
139 Booth Lane, Haverford, Pa.		
BLECKER, Solomon, 4		36 L
5022 N. 10th Street, Philadelphia 41, Pa.		
BOUZARTH, William Francis, II, 4		22 L
635 Belair Avenue, Aberdeen, Md.		
BRIEGER, Henry A. N., 2		15 F
58 N. Lansdowne Avenue, Lansdowne, Pa.		
CHARTENER, William Huston, 8		3 L
2716 Bailey Avenue, Buffalo 15, N.Y.		
COUCH, Richard Arden, 1		35 L
601 Clearview Avenue, Pittsburgh 5, Pa.		
DALLETT, Francis James, Jr., 1		Day
324 Overhill Road, Wayne, Pa.		
Wayne 2392		
DAVIES, David Elwyn, 1		31 L
3012 - 44th Street, N.W., Washington, D.C.		
DORN, Richard Kenneth, 3		17 L
6140 Nassau Road, Philadelphia, Pa.		
DVORKEN, Henry Jacob, 1		13 F
435 W. Fifth Avenue, Roselle, N.J.		
EDGERTON, Robert, 1		10 L
College Avenue, Haverford, Pa.		
EXTON, Fred, 1		12 L
4519 Davenport Street, N.W., Washington, D.C.		

Name	Home Address	College Address
FALTERMAYER, Edmund Kase, 1	46 E. Gowen Avenue, Mt. Airy, Phila., Pa.	9 L
FREEMAN, Murray Fox, 4	324 N. Bowman Avenue, Merion, Pa. Merion 1198	Day
GARDNER, Kenneth Adelman, 1	2214 Forest Glen Road, Pittsburgh 17, Pa.	13 L
GARRETT, Philip Cresson, 2nd, 1	Lincoln Highway, Malvern, Pa. Malvern 2646 W	Day
GEBHARDT, John Frank, 1	140 E. 29th Street, Erie, Pa.	9 L
GOODMAN, I. Robert, 1	3749 Nortonia Road, Baltimore 16, Md.	11 L
GOTHBURG, George August, Jr., 1	15915 Fernway Road, Shaker Heights, Ohio	8 L
GOULD, Stanley Benton, 1	3505 Edgewood Road, Baltimore, Md.	11 L
GROSS, Sheldon Harley, 8	Quarters 15A, Fort Myer, Va.	33 L
HAMILTON, Richard Truitt, 5	Rosslyn Farms, Carnegie, Pa.	2 L
HAMMOND, Stanley G., 1	104 Park Road, Llanerch, Pa. Hilltop 0185 J	Day
HARRIS, William Hamilton, 4	204 N. 17th Street, Camp Hill, Pa.	34 L
HASTINGS, James Babbitt, 1	30 Elston Road, Upper Montclair, N.J.	26 L
HAZELWOOD, Robert Nichols, 1	3405 N. Hackett Avenue, Milwaukee 11, Wis.	8 L
HIGINBOTHOM, William C., 2	5403 Springlake Way, Baltimore, Md.	28 L
HOSKINS, Robert Graham, 1	86 Varick Road, Waban 68, Mass.	31 L
IHRIG, Judson LaMoure, 3	2611 E. Beverly Road, Milwaukee 11, Wis.	36 L
JACKSON, John Albert, 1	20 Summer Street, Adams, Mass.	30 F
JOHNSTON, Robert J., Jr., 1	Woodside Cottage, Haverford College, Haverford, Pa. Ardmore 3725	Day
KATCHEN, Julius, 7	2 Hollywood Avenue, West Long Branch, N.J.	38 L
KELLEY, Jean (Miss), Special Student	Woodside Cottage, Haverford College, Haverford, Pa. Ardmore 3725	Day
KINDLER, Don, 3	Jessups, Md.	18 L

Name	Home Address	College Address
LAMBERT, Richard Meredith, 1		22 F
104 Webster Avenue, Wyncote, Pa.		
LEVINSON, Henry W., 2		17 L
4724 Sansom Street, Philadelphia 39, Pa.		
LIBBY, Edward Kelway, 1		10 L
1324 Euclid Street, N.W., Washington 9, D.C.		
MEAD, Brian, Jr., 4		34 L
11 Horseguard Lane, Scarsdale, N.Y.		
MEYERS, Robert Weigel, 5		4 L
132 W. 9th Street, Erie, Pa.		
MILLER, Bruce Marten, 4		30 L
c/o Ward, 1608 Upshur, N.W., Washington, D.C.		
MOSES, Charles Henry Mann, Jr., 6		Day
433 Haverford Road, Wynnewood, Pa.		
Ardmore 4396		
OLIVIER, Daniel Dretzka, 3		7 F
Box 306, R.D. 2, Phoenixville, Pa.		
OPPENHEIMER, Martin J., 4		19 L
3506 Bancroft Road, Baltimore 15, Md.		
OSWALD, David Statton, 3		18 L
826 The Terrace, Hagerstown, Md.		
PARKE, Robert, Jr., 1		30 F
50 Lancaster Avenue, Buffalo 9, N.Y.		
PAYRO, Robert Pablo, 7		3 L
Lavalle 357, Buenos Aires, Argentina		
PETERS, David Alexander, 4		23 L
45 N. 11th Street, Allentown, Pa.		
QUEK, Soo Tong, 1		12 L
(c/o Mrs. C.L.Hsia), 115 W. 73rd St., New York City		
REYNOLDS, James Conrad, 1		16 L
208 W. State Street, Kennett Square, Pa.		
RICHIE, Douglas Hooten, 1		22 F
8 N. Main Street, Brewster, N.Y.		
ROCHE, Robert Pearson, 7		1 L
111 - 7th Street, Garden City, N.Y.		
ROGERS, Alan Spencer, 6		Day
1320 DeKalb Street, Norristown, Pa.		
Norristown 2757 M		
RUFF, George Elson, Jr., 1		15 L
7358 Rural Lane, Philadelphia 19, Pa.		
SANDERS, Martin, 6		4 L
55 Clinton Place, Bronx, New York, N.Y.		
SETTLE, Lyle G., 4		21b F
Dryden, N.Y.		
SHEPARD, Royal Francis, Jr., 1		15 L
128 N. Mountain Avenue, Montclair, N.J.		
STONE, John Alexander, 3		3 F
319 W. 88th Street, Apartment 8, New York, N.Y.		
SWARTLEY, William M., 2		25 L
Woodland Drive, Lansdale, Pa.		

Name	Home Address	College Address
THOMAS, David Edward, 3		19 L
518 Foss Avenue, Drexel Hill, Pa.		
THOMPSON, Daniel Bard, 5		21 L
110 S. Broad Street, Waynesboro, Pa.		
TYCHANICH, John Dimitri, 1		13 L
53 Balmforth Avenue, Danbury, Conn.		
WERNTZ, Donald R., Special Student		7 L
1535 Loudon Street, Philadelphia, Pa.		
WHITEHEAD, H. Macy, 7		1 F
R.D. #1, South Windham, Maine		
WILCOX, John Rogers, 1		16 L
127 South West Street, Allentown, Pa.		
WRIGHT, Theodore Craig, 1		35 L
107 Lee Avenue, Trenton, N.J.		
ZWEIFLER, Nathan Joseph, 4		22 L
46 Wilbur Avenue, Newark 8, N.J.		

## PART TWO

### 8th Term (2)

Chartener . . . . .	3 L	Gross . . . . .	33 L
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### 7th Term (4)

Katchen . . . . .	38 L	Roche . . . . .	1 L
Payro . . . . .	3 L	Whitehead . . . . .	1 F

### 6th Term (3)

Moses . . . . .	Day	Sanders . . . . .	4 L
Rogers . . . . .	Day		

### 5th Term (4)

Adams . . . . .	29 L	Meyers . . . . .	4 L
Hamilton . . . . .	2 L	Thompson . . . . .	21 L

### 4th Term (13)

Alenick . . . . .	37 L	Mead . . . . .	34 L
Barker . . . . .	21 L	Miller . . . . .	30 L
Bell . . . . .	25 L	Oppenheimer . . . . .	19 L
Blecker . . . . .	36 L	Peters . . . . .	23 L
Bouzarth . . . . .	22 L	Settle . . . . .	21b F
Freeman . . . . .	Day	Zweifler . . . . .	22 L
Harris . . . . .	34 L		

### 3rd Term (9)

Besse . . . . .	Day	Olivier . . . . .	7 F
Birdsall . . . . .	20 L	Oswald . . . . .	18 L
Dorn . . . . .	17 L	Stone . . . . .	3 F
Ihrig . . . . .	36 L	Thomas . . . . .	19 L
Kindler . . . . .	18 L		

### 2nd Term (4)

Brieger . . . . .	15 F	Levinson . . . . .	17 L
Higinbothom . . . . .	28 L	Swartley . . . . .	25 L

### 1st Term (31)

Baldi . . . . .	26 L	Hazelwood . . . . .	8 L
Couch . . . . .	35 L	Hoskins . . . . .	31 L
Dallett . . . . .	Day	Jackson . . . . .	30 F
Davies . . . . .	31 L	Johnston . . . . .	Day
Dvorken . . . . .	13 F	Lambert . . . . .	22 F
Edgerton . . . . .	10 L	Libby . . . . .	10 L
Exton . . . . .	12 L	Parke . . . . .	30 F
Faltermayer . . . . .	9 L	Quek . . . . .	12 L
Gardner . . . . .	13 L	Reynolds . . . . .	16 L
Garrett . . . . .	Day	Richie . . . . .	22 F
Gebhardt . . . . .	9 L	Ruff . . . . .	15 L
Goodman . . . . .	11 L	Shepard . . . . .	15 L
Gothberg . . . . .	8 L	Tychanich . . . . .	13 L
Gould . . . . .	11 L	Wilcox . . . . .	16 L
Hammond . . . . .	Day	Wright . . . . .	35 L
Hastings . . . . .	26 L		

### Special Students (2)

Kelley . . . . .	Day	Werntz . . . . .	7 L
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